je Klimima Dominal

RAILWAY

No. 1354.—Vol. XXXI.

LONDON, SATURDAY, AUGUST 3, 1861.

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

(STAMPED.....SIXPENCE. UNSTAMPED..FIVEPENCE.

MR. JAMES CROFTS, SHAREBROKER,

M. R. JAMES CROFTS, SHAREBROKEB, Mr. Chorrs is a BUYER of shares in the following mines (cash on receipt of transfer, or exchanges made for other shares):—Brynford Hall, Herward United, Great Martha, East Caradon, Great South Tolgus, Cara Brea, West Caradon, East Bassek, Herodsfock, Tokek Kitchen, Wheal Norris, Marke Valley, West Seton, Tincroft, Ding Dong, Great Dieallack, Old Tolgus United, North Minera, Lady Bertha.

'The section of the late Lamherooe Wheal Maria Mine, now leased by the EAST WHEAL MARTHA COMPANY, in 6000 ahares, has excellent chances of success. Mr. Chorrs having acted as a secretary to the Lamherooe for nearly ten years is acquainted with the merits of the new mine, and will answer enquiries from the investing public.

***e, **Holders of mining shares DIFFICULT OF SALE in the OPEN MARKET may hear of purchasers, and also parties IN ARREAR OF CALLS, or sued by merchants, may learn their true legal position and be advised how to act, by applying to Mr. Chopts,

MR. JAMES LANE. No. 44, THREADNEEDLE STREET,

LONDON, E.C.

JAMES LANE has FOR SALE, at nett prices:—10 Alfred Consols, £1½; 20 Bryntall,

£2½; 20 Birch Tor and Vitifer, £2½; 10 Cornubia, 12s. 6d.; 20 Calstock Consols, 8s.;

90 Crebor, 11s.; 40 Dale, 15s.; 10 East Caradon, £24; 10 East Russell, £1; 50 Great

Wheal Martha, 29s.; 20 Great Retallack, £1; 5 Gonamena, £2½; 2 Herodstoot, £37½;

90 Kelly Bray, 19s. 6d.; 50 Lady Bertha, 16s.; 3 Ludcott, £2½; 5 Mary Ann, £9½;

10 Marke Valley, £9½; 20 North Hallenbeagle (£1 paid), 26s. 6d.; 10 North Downs,

£4½; 50 North Nani-y-Mwyn, 5s. 6d.; 10 Penhale Moor, £2½; 50 Ribben, 6s.; 20 Sortridge, 13s. 6d.; 20 South Condurrow, 11s. 6d.; 4 Trelawny, £14; 20 Worthing,

14s. 6d.; 2 West Caradon, £43; 5 Wheal Anne, 20s.; and 5 West Rhosesmor, £12.

PETER WATSON, ENGLISH AND FOREIGN STOCK, SHARE, AND MINING OFFICES, 79, OLD BROAD STREET, LONDON, E.C. 7 Telegraphic messages to Buy or Sell Mine Shares punctually attended to.

R. W. LELEAN, MINE SHAREBROKER, 11, ROYAL EXCHANGE, LONDON, E.C.

R. J. S. PHILLIPS, C.E. AND M.E., SHAREBROKER, &c. 12, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

MR. T. ROSEWARNE begs to inform his friends that he has REMOVED from 81 to 75, OLD BROAD STREET.

7. ROSEWARNE has FOR SALE:—
Calstock Consols, 8s. 6d. Hawkmoor, 8s.
East Caradon, £23%.
East Devon Cons., 38s 9d.
East Devon Cons., 38s 9d.
East Russell, £3%.
North Robert, 17s.
Lady Bertha, 16s.
North Robert, 17s.
North Teolawny, 3s. 6d.
Wheal Edward, 3s. 6d.
Wheal Moving, £1%.
Wheal Arthur, 10s.
Wheal Arthur, 10s.
Wheal Folmear, £185.

Fowey & Par Utd., 13s 3d nd is a BUYER of— & St. Aubyn.

REMOVAL.—GEORGE RICE, SHAREBROKER, has REMOVED from 10, Austinfriars, to more convenient offices, No. 1, FINCH LANE, CORNHILL.

LANE, CORNHILL.
SPECIAL BUSINESS in—
Caradon Consols.
Gereat Retallack.
Herodafoot.
Lady Bertha.
Marke Valley.
FOR SALE:—30 Brookwood, 12s. 6d.

Sortridge. Bankers: Bank of London.

MR. R. H. M. JACKMAN, MINING AND SHAREBROKER, No. 2, ADAM'S COURT, OLD BROAD STREET, E.C. Aug. 2, 1861. Bankers: London and Westminster, Lothbury.

OHN RISLEY, SHAREBROKER, 32, LOMBARD STREET, LONDON, E.C.

SHAREDEALER, 26, THROGMORTON STREET, LONDON, E.C. Commission, 11/4 per cent. on £100 and above, and 21/4 per cent. on less sums.

MR. THOMAS SPARGO, SHAREBROKER, 224 and 225, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E. Commission, 2½ per cent.

MESSRS, R. HORLEY AND CO., SWORN STOCK, SHARE, and

M.B.—Messrs. Horley and Co. publish a Weekly Mining List, with the closure prices well will be most happy to forward the same (gratis) on application

MR. GEORGE BATTERS, 5, COWPER'S COURT, BIRCHIN M. GEORGE BATTERS, D. COWPERS COURT, BIROLING LANE, DEALER in BRITISH MINING SHARES and OTHER SECURITIES.

Mr. BATTERS, from long experience and intimate acquaintance with all Mining Stocks, an advise as to investment of capital, at closest market prices, and has made a selection of Dividend paying and sound Progressive Stocks into which he can with confidence recommend investments at present depressed prices. The favourable turn in the market for metals, and the reduction in the Bank's rate of interest, would point to prices having an that least for the recommend.

TITIEN to TWENTY, and even TWENTY-FIVE PER CENT. PER ANNUM upon current value of shares, in CORNISH TIN and COPPER MINES.

Dividends payable two-monthly or quarterly.

MESSRS. TREDINNICK AND CO., MINING ENGINEERS, END their SELECTED LIST OF SOUND PROGRESSIVE AND DIVIDEND SHARES upon the receipt of a Fee of One Guinea.

Review of Cornish and Devon Mining Enterprise, 5s. per copy.

Maps per post of the Buller and Basset, Great Yor, Alfred Consols, the Providence and Margaret Districts, 2s. 6d. each.

Cornish Mines, well selected, pay better than any other description of securities, are free from risks, and entail less responsibilities than banks and other joint-stock commiss. Shares bought and sold on commission of 2½ per cent.

Messey advanced at 10 per cent. annually, for short or long periods, upon approved thing Shares.—78, Lombard-street, London, E. C.

RRITISH AND FOREIGN STOCK, RAILWAY, AND MINING

SHARES BOUGHT AND SOLD. A considerable amount of money is locked mining shares not prominently before the public, and consequently difficult of sale.

SHARES BOUGHT AND SOLD. A considerable amount of money is locked form. FULLER AND CO., 26, CHANGE ALLEY, CORNHILL, LONDON, invite the solders of such stock to communicate with them, having channels for the purchase disale of shares of every description, independent of the mining market.

FOR SPECIAL SALE:—Measrs. FULLER and CO. have £5500 worth of shares on and, paying regular dividends of from 12½ to 15 per cent. Also, £2750 worth of prometive shares, upon which from 200 to 300 per cent. profit may be realised in a few counts, and parfactly free from risk. Full particulars may be had.

Telegraphic messages promptly attended to.

Bankers: Bank of England.

MINING BROKES, 45, CORNHILL, E.C. (late of 2, Poyal Exchange-base), continue to TRANSACT EVERY DESCRIPTION OF MINING BUSIN mad are in a position to obtain reliable information respecting all dividend and

ILLIAM SEWARD, MINING BROKER, STOCK AND

G E O R G E M O O R E,
In any business that George Monger is favoured with, in which he is the buyer, he
will give CASH ON RECEIPT OF TRANSFER.

JAMES HERRON has FOR SALE the following SHARES, at the prices quoted, and FREE OF COMMISSION:—

AMES HERRON has FOR SALE the following the prices quoted, and FREE OF COMMISSION:—

25 Alfred Cons., £19s. 6d.
5 Anglo Mexican Mint, £14.
1 Basset, £82½.
5 Brynford Hall, £12½.
5 Brynford Hall, £12½.
1 Bryn Gwior, £28¾.
2 Biillins, £18.
1 Buller, £87½.
2 Biillins, £19.
3 Buller £8 Basset, 10s. 6d.
30 Bon Accord, 20s. 3d.
2 Carn Brea, £67½.
5 Cohr Cilcen, 13s. 9d.
10 Camborne Vean, 38s. 9d.
5 Craddock Moor, £24.
50 Carn Camborne, £18. 6d.
5 Cardolne Kit., £28 10s.
5 Cardolnex, £7½.
2 Cook's Kit., £28 10s.
1 Condurrow, £55.
40 Crookhaven.
30 Dale, 14s. 6d.
10 Drake Walls, 13s. 6d.
11 Devon Great Consols.
10 North Dawns, £4 18s 9d.
20 Cart Bressell, £3 14s. 9d.
30 North Dresset, £4 18s 9d.
30 North Exmouth, 3s.
16 Mex Yellejkh, £1 16s 9d.
30 North Dawns, £4 18s 9d.
30 North Dresset, £4 18s 9d.
30 North Bresset, £3 10s.
30 North Exmouth, 3s.
41 New Seton, £418s 9d.
30 North Brise, £4 18s 9d.
30 North Dawns, £4 18s 9d.

1 South Caradon, £302½
1 St. Ives Cons., £36.
30 Sortridge Cons., 12s 94.
20 St. Day, 11s. 94.
25 Sithney Carnmeal (an offer wanted).
4 So. Bryn Gwlog, £13¾
2 South Basset, £12.
1 South Wheal Frances, £125.
2 Silver Rake, £17.
50 Ribden, 5s. 6d.
30 South Herodsfoot, 21s.
2 West Caradon, £41½.
20 West So. Caradon.
50 Silver Bank (15s. paid)
1 1s.
2 Trelawny, £14 2s. 6d.

5 Caradon Cons., £734.

8 Calvadonck, £744.

8 Calvadonck, £745.

9 Cook's Kit., £28 10s.

1 Condurrow, £55.

40 Crookhaven.

45 Coed Mawr Pool (offer wanted).

30 Dale, 14s. 6d.

10 Drake Walls, 13s. 6d.

10 Drake Russell, £3 14s. 9d.

55 E. Carn Bres, £7 10s.

50 North Rhine, 7s. 9d.

50 North Providence (offer wanted).

50 North Providence (offer wanted).

50 Seast Caradon, £24½.

50 Caradon.

50 West So. Caradon.

50 Tamar Con., £1 12s 9d.

51 West Sharp Zor. £37.

60 West Stray Park, £5.

1 West Sharp Zor. £37.

60 Worthing, 13s. 9d.

60 Worthing, 13s. 9d.

60 Worthing, 13s. 9d.

60 North Down and Rose

60 Worthing, 13s. 9d.

60 North Providence (offer wanted).

50 North Providence (offer wanted).

50 Caradon.

50 Heaven Unit, £1 2s.

60 Worthing, 13s. 9d.

60 North Crofty, £5 18s 9d.

60 North Basset, £3 10s.

70 Trampet United, 8s 6d.

90 Worthing, 13s. 6d.

10 Worth Grown and Rose

60 Worthing, 13s. 9d.

60 And is a BUYER of West Bryn Gwiog, North Minera, West South Caradon, and Wheal Moyle.

OLD TOLGUS UNITED.—The improvement in this mine continues, and capitalists abould direct their attention to its merits.

2, Adam's-court, Old Broad-street, August 2, 1861.

MESSRS. VIVIAN AND REYNOLDS, 68, OLD BROAD

STREET, LONDON, E.C., MINING ENGINEERS, INSPECTORS of MINES,
COMMISSION, and GENERAL AGENTS for the PURCHASE or SALE of MINE
SHARES, RAILWAY, and EVERY OTHER DESCRIPTION of STOCK.

Commission on share transactions, 1% per cent. on £100 and above, and 2% per cent
for less sums.

MR. C. POWELL, MINE SHAREBROKER 2, SPREAD EAGLE COURT, FINCH LANE, LONDON, E.C. MR. EDWARD COOKE, 5, HERCULES PASSAGE,
THREADNEEDLE STREET, LONDON, E.C., will feel much pleasure in advising those who may favour him with their confidence on the merits of the various
mines usually dealt in, and also on any new concerns that are from time to time brought
before the notice of the public. Much loss and disappointment may be prevented by a
proper amount of caution on the part of the investor. From frequent personal visits
into the mining districts, together with many years' experience of the mining market,
EDWAND COOKE hopes to be enabled to render sound advice to parties availing themselves
of his services, and prompt cash in all transactions entrusted to his charge.
PURCHARSS and SALES in RALUMY and all OTHER SHARES effected at the

f his services, and prompt cash in all transactions entrusted to his charge.
PURCHASES and SALES in RAILWAY and all OTHER SHARES effected at the

was a commission.
Aug. 2, 1861. Bankers: London and Westminster, Lothbury.

MR. J. S Y K E S, S H A R E B R O K E R
LEEK, STAFFORDSHIRE.

RICHARD CLIFT, MINE SHAREDEALER, late of Redrath, now 48, THREADNEEDLE-STREET, LONDON, where all letters are to be addressed.

MINES IN CARDIGANSHIRE. MR. JAMES HAMMON, STOCK AND SHAREDEALER, 1. CROWN COURT, THREADNEEDLE STREET, LONDON, has SPECIAL BUSINESS to TRANSACT in BRYNAMBOR and WEST LISBURNE MINES, six tusts in the above rich mining county.

MR JOSEPH GREGORY, MINING OFFICES,
1, BANK CHAMBERS, LOTHBURY, E.C.
BUSINESS TRANSACTED in BRITISH and FOREIGN STOCKS and SHARES/
Terms, 1½ per cent. on £100 and above, 2½ per cent. on smaller sums.
Bankers: City Bank, Threadneedle-street. tion of Dividend paying and some a vorse of the favourable turn in the movement of myestments at present depressed prices. The favourable turn in the favourable

MR. E. GOMPERS, MINING OFFICES, 2, CROWN CHAMBERS, THERADNEEDLE STREET, LONDON, E.C. BUSINESS TRANSACTED in BRITISH and FOREIGN STOCKS and SHAREST Terms, 1½ per cent.—Bankers: London and Westminster Bank.

JOHN GLEDHILL AND CO., MINE AGENTS AN SHAREBROKERS, MINING OFFICES, CORN EXCHANGE, LEEDS.

MESSRS. THOMAS PENROSE and THOMAS PRICE UNDERTAKE ASSAYS and ANALYSES OF EVERY DESCRIPTION OF MINERAL PRODUCT, FUEL, and MANURES, at Messrs. Richardson and Co.'8 Assay Office and Laboratory, Copper Ore Wharves. Swansea.

MR. GEORGE BUIDGE, SHAREBROKER, No. 4, ROYAL EXCHANGE BUILDINGS, LONDON, E.C. (Established 14 years), has FOR RALE at nett prices the following shares: -50 North Minera, 30s.; 100 East Grenville, 58. 461; 10 Crelake, £3½; 25 Great Wheal Busy, £4½; 100 Great Wheal Martha, 28. 301; 2 South Frances, £119; 10 Marke Valley, £5 Ss.; 100 North Nant-y-Mayn, 38.; 44 Cobre, £37½; 50 Wheal Unity, 19s. 3d.; 55 Great Retailack, 21s. 3d.; 75 Wheal Jawan, £2 18s. 6d.; 50 West Bryn Gwiog, £30½; 4 Stray Park, £34; 30 West Cara-Gon, £41¾; 40 Lady Bertha, 15s. 6d.; 75 Dale; 29 North Wheal Busy, 35s.; 60 Sort-fide Consols, 14s.; 100 Crowlwrn, 10s.; 25 Crane; 250 Casara, 6s.; 50 Merilyn, 15s.; 50 Great Moelwyn, 19s. 6d.; 30 Brynambor; 30 United Mexican, £4 18s. 6d.; 56 For-fide Consols, 14s.; 100 Fort Phillip, 19s.; 30 Connorree, 33s. 6d.; 40 Teolowth, £3½; 50 Giller and Basset; 100 East Kongsberg, £33½; 25 North Bowns, £5 2s.; 55 Gurliyn; 30 Deep Level, 15s.
Seliers of all description of mining shares difficult of sale, likewise holders of life and re insurance shares, may find purchasers through Mr. Budge. STOCK AND CO., LEAD AND SILVER SMELTERS,

MESSRS. C. TOOKEY, F.C.S., AND M. W. JOHNSON, F.C.S.
ASSAYERS, ANALYSTS, AND CONSULTING CHEMISTS.
LABORATORIES, 44, LINCOLN'S INN FIELDS, W.C.

BELL BROTHERS beg to intimate that, having become SOLE
LICENSEES in the United Kingdom of Prov. DEVILLE'S METHOD of PRODUCING PURE ALUMINIUM, they are now in a POSITION to SUPPLY, from their
works here, both this metal and its compound with copper, known under the name of
ALUMINIUM BRONZE.—Newcastle-on-Tyne, September, 1860.

NICKEL AND COBALT REFINING, AND GERMAN SILVER WORKS, 16, OOZELL STREET NORTH, BIRMINGHAM.
STEPHEN BARKER begs to inform the Trade that he has the following articles

REFINED METALLIC NICKEL. | OXIDE OF COBALT. [WIRE, &c. REFINED METALLIC BISMUTH, GERMAN SILVER—IN INGOTS, SHEET NICKEL AND COBALT ORES PURCHASED GOLDENHILL, COBALT, NICKEL, COLOUR, BORAX, AND

CHEMICAL WORKS,
NEAR STOKE-UPON-TRENT, STAFFORDSHIRE.
JOHN HENSHALL WILLIAMSON, MANUFACTURER AND REFINER.
Reference.—Professor Miller, King's College, London.

THE MIDLAND IRON COMPANY, ROTHERHAM, MANUFACTURERS OF BEST "YORKSHIRE," and of STEEL IRON TYRE BARS, for LOCOMOTIVE ENGINE, CARRIAGE, and WAGON WHEELS. Also OF REFINED, SCRAP, STEEL IRON and "YORKSHIRE" BARS, HOOPS, RAILS, ANGLE IRON, MALLEABLE SHAFTS, AXLES and FORGINGS.

C H A R L E S D A V E Y A N D C
SAFETY FUSE MANUFACTURERS,
ST. HELEN'S JUNCTION, LANCASHIRE.

MR. T. P. THOMAS, MINING AGENT AND AUCTIONEER, 2, CROWN COURT, THREADNEEDLE STREET, LONDON.

MR. T. E. W. THOMAS, MINING AGENT AND GENERAL MINING SHAREDEALER, 16, HACKINS HEY, LIVERPOOL.

The following SHARES have been placed in the hands of Mr. Thomas FOR SALE, at the prices affixed, free of any commission:—

20 Mount Pleasant (div.), 10 So. Bryn Gwiog, £14½.
20 Crowlwm, 10s.
20 Crowlwm, 10s.
20 Corowlwm, 10s.
20 Corowlwm, 10s.
30 North Crofty, £6½.
30 Carn Camborne, 21s 6d.
100 Colomendy, £1.
10 Brynford Hall, £9½.
10 Herward United, £9½.
20 East Seton, 3s. 6d.
20 Carl Camborne, 21s 6d.
400 Ribden.
100 Colomendy, £1.
10 Rosewarne and Herland, £15s.
20 East Seton, 3s. 6d.
£3½.

(£5 fully paid up), at £31/2.

JOHN R. PIKE, GENERAL SHAREDEALER,

FREDERICK WILLIAM MANSELL, MINING OFFICES, 1, HATTON COURT, THREADNEEDLE STREET, LONDON, E.C. Bankers: London Joint-Stock Bank.

TO BE ADVANCED on SLATE QUARRIES or LEAD MINES, for a term, FIVE THOUSAND FIVE HUNDRED POUNDS.—Apply to Mr. Toyne, Commercial Chambers, Manchester.

N.B.—WANTED TO PURCHASE, a SLATE QUARRY. State price.

A LARGE FORTUNE may be REALISED for ONE POUND only.—For particulars, apply to Mr. FREDERICK SINTZ, banker, of Frankfort-on-the Maine, or letters addressed to him, 28, Clement's-lane, Lombard-street, London.

DEVON NEW COPPER MINING COMPANY (LIMITED).—
THREE HUNDRED AND FIFTY paid-up (£2) SHARES in this mine TO
BE SOLD, at £1 10s. per share.—Apply to Messrs. Ellis and Co., 2, Royal Exchange-

DEVON BURRA BURRA MINE.—TO MERCHANTS AND OTHERS.—ALL PERSONS HAVING CLAIMS on this mine are REQUESTED to SEND the SAME FORTHWITH to Mr. W. A. PALNER, TAVISTOCK, Devon; or to Mr. B. G. EYTON, 4, Lothbury, London, E.C.

COPPER AND LEAD MINES IN MONTGOMERYSHIRE. TO BE DISPOSED OF, IN SHARES, most PROMISING WORKS, within five miles of the contemplated railway to Lianfyllin from Oswestry.—Apply to Mr. Rotle, solicitor, Lianfyllin.

WANTED, a SITUATION as ENGINEER at an IRONWORKS or COLLIERY. The advertiser has had much experience in the management of blast, winding, pumping, and mill and forge engines and machinery, as well as inclines, self-acting and others. Makes his own plans, and superintends all repairs and new erections. Testimonials and references as to character and abilities if the required.—Address, "Ferrum," Mining Journal office, 26, Fleet-street, London, E.C.

WANTED TO PURCHASE, a SECOND HAND or NEW HIGH PRESSURE ENGINE, to drive a saw-mill. Engine to have two norizontal cylinders, about 20 in. diameter, stroke 3 to 4 ft.—Apply to W. O. Johnston, cylindry, near Newcastle-on-Typne.

CRUSHER WANTED, for the CASTLEWARD UNITED MINING COMPANY (LIMITED). A good second-hand one preferred.—Address, with full particulars, to the Hon. Secretary, 33, Upper Sackville-street, Dublin. August 1, 1861.

HEMATITE IRON ORE.—WANTED, a SETT of this MINERAL, near a shipping port or railway station.—Terms, with report or full articulars as to quality of ore and situation, to be addressed to "Fides," Messrs. Judd and Glass, New Bridge-street, Blackfriars, London

ON SALE, BY PRIVATE CONTRACT, the LEASE of a RED HEMATITE IRON ORE MINE, situate within 4 miles of the town of Cardiff, and about 2½ miles from the South Wales Railway. A great thickness of mine is now in sight up to the surface, and about 700 or 800 tons already gotten on the premises. Any further information may be had on application to John Fraser, 53, Adam-street,

SLATE QUARRIES, IRELAND, TO BE LET, OR SOLD, by
the owners in fee. Slates of bluish colour, and fine grained metal veins, inexthe owners in fee. States of bluish colour, and fine grained metal veins, inexhaustible. Constant water-power. Paying at present 30 per cent. Fresent samples equal to any Welsh. Situate four miles from Carrick-on-Suir (to which place the River Suir is navigable for vessels of 200 tons), and the railroad station 14 miles from the city of Waterford.—Apply to Wat. Desparabo, Corraiganore, Waterford.

TO BE LET, with immediate possession, the HASLAND COLLERY, near CHESTERFIELD, now in full operation. The plant to be taken to at a valuation, to be made in the usual way.—For further particulars, and to treat, application to be made to ADAM KNOWLES, Eq., solicitor, Chesterfield; or to Messrs. Woodhouse and Jeffcock, civil and mining engineers, Derby.

TO COLLIERY PROPRIETORS.—IMPROVED
SELF ACTING TIPPLERS and SCREENS, for LOADING COALS at the
PITS with dispatch, and ENTIRELY PREVENTING BREAKAGE. Manufactured
by WILLIAMS and MowLe, Egerton-street Foundry, Chester, where models and testimonials may be seen, and every information obtained. Prices moderate. Delivered at any
sulvey station.

HORIZONTAL STEAM ENGINES FOR SALE, one each of 14, 17, and 20 in. cylinders, 36 in. stroke, quite new. They are especially adapted for mining purposes, and are very substantially made. Also, several of from 6 to 8 horse power.—Apply to Messrs. E. Paoe and Co., Engineers, Laurence Pountney-place, Laurence Pountney-hill, Cannon-street, E.C.

GREAT TREGUNE CONSOLS MINE.—At a SPECIAL GEREAT TREGUNE CONSOLS MINE.—At a SPECIAL GENERAL MEETING of the shareholders in this mine, held at the Guildhall Coffee-house, on the 29th July, the following resolution was passed unanimously:—
That a further issue of 7000 shares shall be created immediately, and the price fixed at 5s. each, the present shareholders having the option of taking such shares for the space of one month from this date, agreeably to Rule 8; 2s. 6d. to be paid on allotment, and 2s. 6d. on the 1st October next, of the first instalment to be forfeited.

Forms of application will be sent on addressing the Secretary, at the office, 14, Cullumstreet, E.C.—Dated July 29, 1861.

COPIAPO MINING COMPANY (LIMITED).-Notice is hereby OPIAPO MINING COMPANY (LIMITED).—Notice is hereby given, that a SPECIAL GENERAL MEETING of the Coplago Mining Company (Limited) will be HELD at the office of the company, No. 2, New Broad-street, on FRIDAY, the 9th day of August next, at Two clock precisely, for the purpose of considering, and, if deemed advisable, of finally approving and adopting, by way of special resolution pursuant to the Joint-Stock Companies Act, 1856, sections 33 and 34, the Articles of Association for the government of the company, approved and adopted at the special general meeting of the company, held on the 5th day of July inst.

Dated July 23, 1861. By order of the Board, EDWARD J. COLE, Sec.

LUSITANIAN MINING COMPANY (LIMITED).—Notice

is hereby given, that at a MEETING of the directors of the above company, held this day, it was resolved that a DIVIDEND of ONE AND SIXPENCE PER SHARE, free of income tax, be PAID on and after the 20th inst., on account of profits made during the half-year ending 31st March last, and that the transfer books be closed for such dividend on the 6th inst., and re-opened on the 21st inst. 5, Queen-street-place, London, E.C., August 1, 1861.

THE WORTHING MINING COMPANY (LIMITED).—Notice is hereby given, that the ORDINARY ANNUAL GENERAL MERTING of the shareholders in this company will be HELD at 20, St. Helen's-piace, Bishopsgate, E.C., on MONDAY, the 12th day of August next, at Two o'clock in the afternoon precisely, to receive the report of the directors and balance-sheet of the company for the past year; to elect two directors in the room of W. G. Jackson, Esq., aad. C. R. Essex, Esq., going out of office by rotation, but who are eligible for re-election, and offer themselves accordingly; and to transact the ordinary business of the company.

By order of the Board, GEORGE LAVINGTON, Sec.

MR. MURCHISON'S REVIEW OF BRITISH READY.
FOR THE QUARTER ENDING 30TH MARCH, 1881, is NOW READY.
Price One Shilling. At 117, Bishopsgate-street Within, London, E.C. MURCHISON'S REVIEW OF BRITISH MINING

Original Correspondence.

PRACTICAL PAPERS ON COLLIERY OPERATIONS-No. VIII. VENTILATION OF MINES.

Sin,-The subject under consideration is one of primary inportance in the working of mines, whether coal, iron, or other minerals, but probably its importance would not have been seen or considered in the same light as it is at the present time, excepting by those who have thought deeply upon the subject, had it not been for the heart-rending and truly pitiable scenes that have so frequently presented themselves during the last few years. 'It is beyond the power of the pen to describe the agony that is occasioned by one of those awful calamities—an explosion, especially when it is of such a magnitude as almost to depopulate a whole village, and cast scores of once happy families into the greatest misery and grief. The frequency with which these deplorable accidents have occurred, and the great pecuniary losses by which they are attended, onght to have had the effect of bringing every proprietor and manager of a colliery to a sense of duty, by causing them to attend in a proper manner to this important part of their business—the ventilation of mines. But the effect hitherto produced has only been of an ephemeral character, if we may judge from the facts presented to us by the number of convictions of colliery proprietors during the last few years for neglecting to supply the workmen with an adequate amount of pure air; and, probably, these do not constitute a tithe of the number of those who have been guilty of violating the necessary and wise enactment of making it unlawful to neglect the sanitary state of the mine. Whether the importance of this subject be estimated by the effect produced on the state and community, by shortening the duration of the lives of the hardiest and most useful body of men that this country can boast of, or rendering them incapable of labour many years before they would have been but for this cause, and thereby rendering them dependent upon others for support instead of being engaged in building up the greatness of their country, or by the more immediate effect produced by the loss of 363 valuable lives in one year by explosions in coal mines, I think m the working of mines, whether coal, iron, or other minerals, but probably its importance would not have been seen or considered in the sa the varying circumstances of the state of the man's health, and his greatitude for work at one time than at another are considered in the varying circumstances of the state of the man's health, and his greater aptitude for work at one time than at another, are considered, the conclusion arrived at by me is that the same man can perform 6 or 8 per cent. more labour when working with the candle than with the safety-lamp, in what may be considered pure air, and when accustomed to the use of the lamp; but when working in vitiated air he cannot perform the same amount of labour by 14 or 16 per cent., and in some instances much more. It may be contended that this loss does not necessarily fall upon the proprietor of a colliery, from the system of piece-work prevailing in many localities, and the same price often being paid to a workman for getting a certain seam of coal whether favourable or not to him, but it is only fair to assume that the loss falls upon the proprietors of mines either directly

certain seam of coal whether favourable or not to him, but it is only fair to assume that the loss falls upon the proprietors of mines either directly or indirectly, as the workman has nothing to lose but his labour, and he must earn a livelihood. It has been said that the miner becomes habituated to working with the safety-lamp, then he even prefers it to the candle. Well, all that I can say in reply to this is that I have worked during a period of several years with the lamp, and that it was as objectionable to me the last day I worked with it as it was the first. Perhaps the time was not long enough to become accustomed to its use: I have never yet

to me the last day I worked with it as it was the first. Perhaps the time was not long enough to become accustomed to its use: I have never yet seen a collier, however long he may have been accustomed to the use of the lamp, but was glad to return to the candle when he had an opportunity. Encouraging and flattering reports have been presented to the public from time to time, to the effect that more scientific principles of ventilation were being gradually introduced into most of our collieries; but we have the fact before us of 363 lives being lost by explosions in coal mines in the year 1860 against these encouraging statements. It is, however, only fair to state that the number couraging statements. It is, however, only fair to state that the number of explosions have been precisely the same in both years, and but for the fearful catastrophies of Risca, Hetton, and Burradon collieries the results would not have been very different from the preceding year; but such oc-currences as those at Risca and Burradon are clearly those that can and ought to be guarded against, whilst the cause of the Hetton catastrophe, judging from the evidence before the public, is clearly incomprehensible. Those who have read my remarks upon the various systems of getting coal will perceive that I attach great importance to system and order being observed in the getting of coal, and that I attribute many of the explosions to the cause of getting coal regardless of principle. The reader, whether a practical miner or not, will be able to see from what was stated in my last paper that the wonder is not a much that so many explosions. in my last paper that the wonder is not so much that so many explosions should occur, but rather that more do not occur than even at present, when it is considered that the space from which the coal has been wrought is converted into a series of huge gasometers, often containing the subtle and deadly enemy—fire-damp, and that it only requires a fall of the roof, or a fall of atmospheric pressure, to account for the sudden outbursts of gas that we have heard so much of.

gas that we have heard so much of.

It is, perhaps, as well to observe that the same objection does not apply so much to coal being wrought on the deep of the main wagon-road as to upon the rise, as from the lightness of carburetted hydrogen gas it passes off by the law of gravitation to the highest point. It has its objections, but with those I am not at present dealing. My statement of this practice being so widely adopted may be questioned, but I take this opportunity of saying that I challenge anyone to disprove a single statement adduced by me; nay, further, to prove that I have depicted the evil in its worst form, or given colouring to a single statement.

Various have been the theories and suggestions put forth to prevent these calamities occurring, but most have emanated from individuals who have been entirely unacquainted with the difficulties to be encountered in

have been entirely unacquainted with the difficulties to be encountered in carrying out their theories in the mine; it is not, therefore, to be wondered at that these almost impracticable schemes should have met with so little attention from the proprietors of mines. Probably the proposed method of ventilating collicries by the patent of Mr. Hughes, of Hatton-garden, books at vessely the proposed when the description of the proprietors of the schemes and the scheme at the s looks as reasonable upon paper as any that have been brought forward, but my opinion is, that had Mr. Hughes known the nature of colliery operations he would not have gone to the expense of the paper the specification is written upon. I do not much doubt the feasibility of Mr. Hughes's method in sinking shafts or driving tunnels, or in working metallic mines, but whether it will bear comparison with other methods of ventilating, in regard to economy, is a question that remains to be demonstrated. It would gard to economy, is a question that remains to be demonstrated. It would hardly be fair to decry an invention in its infancy, without stating some of the reasons for so doing. Well, one of the reasons is that nearly all coal mines are subject to the floor lifting, and in some instances to such an wagon-roads are raised 5 or 6 in.; and this upheaval is by no means a process that takes place with great regularity; what then, I ask, would become of the joints of the pipes, or even of the pipes themselves, if they were raised up a distance of 6 inches in some parts, 4 inches in another, and nothing in others? Still greater objections are to be urged against conducting the pipes at the roof of the mine, or cutting out recesses in the coal for them to rest in. One of the advantages claimed for the invention is that of liberating the air beyond the old workings, and if let out beyond must pass through and keep them safe. By this it is to be presumed that the pipes are left in the workings at the boundary, or the point from which the coal is worked out, to form a gob, or old workings. Now, if so, who can be so credulous as to believe that the air, if liberated at that point, could find its way through many hundreds of yards of old workings, when all the coal has been wrought and the timber drawn? It is often found difficult enough to maintain a passage for the air between each wagon-road past the working face and the old workings, with the coal solid on one side, and timber set for supporting the roof on the other. I do not see that any provision is made against these contingencies in Mr. Hughes's specifi-cation. Very many more objections might be raised, entirely independent of those already touched upon, but I do not consider it necessary to say more at present upon these fanciful schemes. I have not made the foremore at present upon these fatiguity schemes. I have not made the fore-going remarks upon Mr. Hughes's scheme in consequence of any prejudice I have against his or any other system, but because it appears to have atnsiderable attention from the public, and will, therefore, lead to tracted considerable attention from the public, and will, therefore, lead to the idea, so often expressed, that colliery proprietors and managers are indifferent to any proposal that does not emanate from their own body; whereas the reason of such like schemes as Mr. Hughes's being rejected is from their impracticable nature, and not on account of either prejudice or

expense, as some of the proprietors of collieries in this country neither study convenience or expense to render the mine safe and healthy.

The question of how much air is required to properly ventilate a mine depends upon a variety of circumstances. If it be a coal mine, and one depends upon a variety of circumstances. If it be a coal mine, and one that gives off a considerable quantity of carburetted hydrogen gas, it will that gives off a considerable quantity of carburetted hydrogen gas, it will necessarily require more air to carry off the gas, in order to render the mine anything like safe and healthy, than if no such gas were generated, or only in small quantities. Some of our modern scientific writers attach much importance to the detection of fire-damp in the atmosphere of the mine, and have suggested means of making the lamp a far more delicate test than at present, but for any practical purpose I do not set the slightest necessity for it, as its presence can always be detected before it becomes dangerous by the ordinary safety-lamp; the evil consists in not removing it by a sufficient current of air when its presence has been detected, and using the so-called safety-lamp as a substitute for ventilation. This is not the only gas that is generated in mines, nor the only impurity that requires carrying off by a current of air, but as its effects are so appalling, it demands the greatest attention.

demands the greatest attention.

Dr. Wm. Gregory and others, in speaking of fire-damp, remark that if the air is less than six times, or more than fourteen times, the volume of the gas, explosion does not take place. On equal authority we have it stated that the explosion attains its maximum degree of violence when the fire-damp forms one-eighth or one-ninth of the entire volume of mixture. Such statements are calculated to cause croncous impressions in the minds. Such statements are calculated to cause erroneous impressions in the minds of many upon this important subject, by leading them to suppose that in places where the greatest amount of gas is given off danger is less to be apprehended. I, therefore, deem it necessary to give the reader a few facts, and allow him to form his own opinion as to whether the laboratory of the chemist adduces the same results as the great laboratory of Nature.

I. In pa sincle instance have I seen or heard of carbursteted hydrogen

chemist adduces the same results as the great laboratory of Nature.

1. In no single instance have I seen or heard of carburetted hydrogen accumulating in works below the wagon-road or air-course, where the angle of inclination is 10° and upwards.—2. In every instance that the presence of fire-damp is detected in the mine it explodes in the lamp with greater violence at the roof of the mine than at the floor; and on many occasions, especially on frosty mornings, no fire-damp will be detected in the lamp (although it is admitted by all who understand the subject that if the atmosphere contains but one-thirtieth part it can be detected), and within a foot of the same place it will explode with violence in the lamp. I have also incontestable proof of fire-damp being found on different occasions in levels where it occupied the uppermost stratum of the atmosphere for very considerable distances, and the stratum of atmosphere below entirely free from it. I have only seen this phenomenon on one occasion, for very considerable distances, and the stratum of atmosphere below entirely free from it. I have only seen this phenomenon on one occasion, and was enabled to crawl under the stratum of fire-damp for a distance of 150 yards, whilst in any portion of that distance for 3 ft. from the floor the air was perfectly good, the upper 2 ft. was of a highly explosive nature. There was no projection in the roof to account for it: the only hypothesis is that an imperceptible current of air served to keep the lower portion clear for such a distance, and by virtue of the light specific cravity of the is that an imperceptible current of air served to keep the lower portion clear for such a distance, and by virtue of the light specific gravity of the upper stratum it occupied the highest position. Innumerable instances could be adduced showing that fire-damp, when left for any length of time without being disturbed or agitated, invariably occupies the highest position, and floats upon the denser air, just as oil floats upon water; but the reader will be enabled to see, from what has already been adduced, that explosive fire-damp is always found in the highest position, whilst, according to the theory of Dr. Gregory and others, the highest position of the mine would be occupied by a gas containing a greater percentage of carburetted hydrogen than would render it explosive, assuming the same law to be in force that causes the explosive carburetted hydrogen to rise from the lowest position. from the lowest position.

As to the proportion of atmospheric air that is required to render fire-lamp non-explosive, I will just give one carefully-conducted experiment. Two jig-brows were being driven up at a distance of 600 yards from the shaft, and by some means the air was temporarily suspended, and the brows, although 50 or 60 yards up, were filled with the fire-damp down to within a few yards of the bottom. In order to remove the gas without risk, all the men were sent out of the shaft, with the exception of two and risk, all the men were sent out of the shalt, with the exception of two and myself, and a current of air was directed upon the gas, first taking out a stopping between the brows in the first cross-cut. The number of cubic feet of gas between each cross-cut was from 1800 to 1900, and the current of air at command was from 4000 to 4200 cubic feet per minute. It feet of gas between each cross-cut was from 1800 to 1900, and the current of air at command was from 4000 to 4200 cubic feet per minute. It occupied a period of 12 minutes for the sulphur to pass a given point, thus proving that it required nearly thirty times the bulk of air as of fire-damp to dilute it, or carry it off. It even maintained its explosive power at a distance of 400 to 500 yards, but it was sensibly diminished after the first 200 yards, and at that distance from the brow it did not come in the air in which a proper as to constantly register it explosive power. such a manner as to constantly maintain its explosive power, but at intervals of from 4 to 12 seconds it would have exploded with the lamp in the

highest position in the air-course. The result did not materially differ in removing the gas between each of the cross-cuts.

I have entered more fully into this part of the subject of the ventilation of mines than I contemplated, but hope that the importance of the subject will be considered an ample apology for so doing.

Jos. Goodwin.

COLLIERY VENTILATION.

COLLIERY VENTILATION.

Sir,—I am not at all satisfied with Mr. Moore's figures. I have, indeed, before me the cost of fitting-up one of Struvé's ventilators, which considerably exceeds my estimate. The sum of 3000l., I knew, was below the cost, but I wished to be moderate. The alleged economy in favour of the ventilator is merely theoretical—that is, comparing the quantity of air got in such cases by the consumption of a given amount of fuel. But the actual cost, when the machinery and cost of attendance in each case is taken into account, will, I feel assured, prove to be very much in favour of the furnace. Mr. Moore has taken no notice of my proposal to drain the goafs of gas by means of drifts in the seam to the rise. I still think the proposition deserving attention.

ALEX. Ross.

COLLIERY VENTILATION-THE RISCA EXPLOSION.

SIR,—I notice in the Journal of Saturday that Mr. Brough stated that had there been 200,000 cubic feet of air passing throught the Black Vein at the time of the explosion it would have happened notwithstanding. It nau there been 200,000 cubic feet of air passing throught the Black Vein at the time of the explosion it would have happened notwithstanding. It is curious to note the vagaries of the twelve inspectors, and their contradictions in their yearly reports. During the whole examination he was constantly in quest of more air—nay, he even wanted a furnace to assist Struvé's machine, which that gentleman afterwards showed would have been more hurtful than otherwise. I recollect at the time I made the statement that had 200,000 cubic feet of air been in circulation there would have been more explosion. I maintain it still, and I see nothing in this report to convince me that it would not. 1 am amazed at Mr. Brough talking about laying off the long east side workings. What on earth had these to do with the explosion? Nothing whatever. The quantity of air was meted out by the gigantic air-pump, as he calls it, and what he wanted was to put on another if that could not be driven faster. The true cause of the explosion was want of air; the air current at that point was strong, but there was too little in the pit. Then, too, he speaks of unlocked Davy lamps and men smoking, as if these ever will be stopped.

One of the steadiest "deputies" that ever I saw, and one who lost at least one son in Old Jarrow, told me himself he used to "get his pipe" by sucking a light through the "guise." No, it is all nonsense talking of locked lamps, and stopping men from smoking. Ventilate! Ventilate!! I speak advisedly when I say that the best legislation for coal mines I know

by sucking a light through the "guise." No, it is all nonsense talking of locked lamps, and stopping men from smoking. Ventilate! Ventilate!! I speak advisedly when I say that the best legislation for coal mines I know would be to prohibit the use of Davy lamps in mines altogether, except as tests, and make the masters responsible.

I read all the stuff about the Kirkless Hall Mine—the rents and such like in the stuff about the Kirkless Hall Mine—the place from the

in the pavement, and I daresay such rents may have taken place from the effects of the workings, and an issue of gas may have come from such rents; but had the coal been won out by narrow work, so that no crush could have taken place, the gas would have bled off, and there would have been no rents. Thirty years ago there was a Staffordshire man (Ryan) who seemed to have a pretty good idea of this, although he did not send in the quantity of air that would now be done.

quantity of air that would now be done.

There can be no doubt we know of no other remedy than better ventilation as a preventative of those explosions; and I repeat that if we had better ventilation we should have fewer explosions. The use of Davy lamps draws away the attention from this most important fact. The Davy is a sort of temporary expedient, and was never intended as a permanent instrument, and like all such is apt to be found wanting at the most important moment. Whenever I see a patent safety-cage I think I see a temptation to negligence; very likely when called upon to act it will be found defective. You are reducing the chances of safety by dividing the responsibility. Whenever I see a pit worked by Davy lamps I say the same. You are dividing the responsibility. You are slackening your vigilance. You want more

air, more room for it, and not Davy lamps. Set about it quickly, or you will have another Burradon, another Risca, before the year is past. The thing is plain. Who would temporise with gas? Sweep it away. Who would use a diving-bell if he could pump the water out? A PITMAN. Aug. 1.

VENTILATION OF COLLIERIES.

VENTILATION OF COLLIERIES,

Sir,—In referring to the Birmingham meeting of the North of England Institute of Engineers, in last week's Journal, you very distinctly declare that my proposition for securing more complete ventilation in collieries is impracticable; but, fortunately, I am prepared not only to meet with such discouragement, but also to prove, by submitting my invention to a thorough investigation, that it will effect all I have promised. I can scarcely suppose that you include mine amongst "the plans of amateurs," although you are rather ambiguous on the point, for I have already done so much in preventing gas explosions above ground, that I feel myself competent to deal with underground explosions also. I admit with you that new inventions are too often passed over by practical men without notice, and am so thoroughly convinced that this circumstance may "too generally be attributed to prejudice or caprice," that I am almost inclined to say "I

to deal with underground explosions also. I admit with you that new inventions are too often passed over by practical men without notice, and am so thoroughly convinced that this circumstance may "too generally be attributed to prejudice or caprice," that I am almost inclined to say "I thank thee, Jew, for teaching me that word."

You compare the upcast and downcast shafts, with the passage connecting them, to a pipe, but forget that as soon as the workings are thrown out you have only a broken pipe, which is, of course, not worth much. But, be this as it may, I think I shall be able to show that my system is something more than placing "a smaller pipe within a larger one for the purpose of effecting what is tried to be done with the latter." You very accurately state that the advantages offered are—one shaft is sufficient, this is to be an upcast, the downcast air being taken down the pipes and supplied to each working place as required, thus dispensing entirely with doors and stoppings. Now, the advantage resulting from this is so immense that it can scarcely be estimated, for it should be remembered that explosions underground do not occur so frequently from the plan of laying out the colliery being bad as from some portion of the very complicated machinery, in the shape of doors and stoppings, being neglected or not working. But if the air were introduced through pipes direct to each working place, as I propose, every ounce of coal would be brought from the face to the pit's bottom without interfering with the ventilation at all—the pipes once laid, the supply of pure air is regular and uninterrupted.

You say that the introduction of pipes into mines is useless, because it is simply putting a small pipe into a larger one; but surely, Mr. Editor, you have not forgotten that there is this great difference—upon the ordinary system of ventilation, no one in the pit except the man at the bottom of the downcast shaft breathes fresh air; all the air now having to pass through and over all the decomposing matter i

and corner of the pit as the water is removed from the diving-bell—indeed, the mode of supply is not very dissimilar; but the gases to be removed from the mine being so very much less dense then water, so little pressure would be required that the cost of keeping up the supply would be absolutely insignificant. I am quite willing that the merits of the invention should be thoroughly canvassed before it is adopted, and have no fear whatever concerning the success which it will meet with.

Atlas Safety Gas-Fitting Works, Hatton-garden.

ACCIDENTS IN MINES.

and otherwise mutilating the miner, almost every week. There are about 500,600 persons in Great Britain engaged in mining operations, and their united labour produces annually mineral wealth to the extent of 40,000,000. sterling. It will be readily admitted that such a numerous and important class of persons are deserving of every human effort to obvious a few sterlings. class of persons are deserving of every human effort to obviate so far as possible the dire calamities connected with their occupation. It is said that the treacherous spark from the hidden spar cannot be anticipated, we think it to see the context articipated by those who recommend and use possible the dire calamines connected with their occupation. It is said that the treacherous spark from the hidden spar cannot be anticipated; we think it is to some extent anticipated by those who recommend and use the "brass-shod tamping-bar," and we strongly recommend all persons engaged in blasting to adopt this and every other precaution, so that the miner, agent, and adventurer may not remain in the category of suicide, criminal and accessory; but while we advocate its adoption, we cannot think that it will be rendering explosion by its use simply impossible, because even the brass-shod bar might force the hidden spar against similar or other substances, and thereby bring to life the latent spark, so often the signal of destruction, and this might have been the case at East Louisa. While we commend the seal displayed for the brass-shod bar, and admit that the miners' calamities may be without a parallel, both in point of number and sufferings, yet it must be well known to all who are engaged in blasting operations that the iron tamping-bar is not the cause of all the killing, blinding, and otherwise mutilating which occur in connection with metallic mining, and only last week we have another instance in the sudden exploding of the hole at Camborne Vean Mine, when the men were picking it out (not using the tamping-bar) to renew the charge, that there is another cause—the blasting fuse now in use, and which is called a safety fuse, is not safety nor certainty, because it will ignite in tamping, and it will, and often does, hang fire, and it often explodes unawares, as in the case referred to.

It is replaced in the safety nor serious transports and the case referred to. case referred to.

case referred to.

It is, perhaps, impossible to make with the same material a better fuse than the one now in use, but it has radical defects—it is uncertain in its action, it cannot be depended upon, and, therefore, it is unsafe, hence the fearful amount of human life which is sacrificed is so much that in some that the same perhaps the same desired is so much that in some than the same than the same desired that it is constant. mines the law is that no miner shall return during his core to any hole the fuse of which has been set fire to, but has hung fire. This standing law mines the law is that no miner share tental fire. This standing law fuse of which has been set fire to, but has hung fire. This standing law is a clear proof and acknowledgement of the uncertain and unsafe nature of the fuse. Human feeling and human effort have been put forth in this direction, and every philanthropist will rejoice to know that these efforts have been successful in producing the newly-invented patent metallic safety fuse, which will not ignite in tamping, nor hang fire nor explode unawares. Such being the case, all who have human feeling should recommend and adopt this and all other means to avert the fearful calamities complained of.

The sanitary state of the mines was referred to in the House of Commons on Tuesday last. The new patent metallic fuse will bear especially on this point, having no pitch, tar, tape, hemp, &c., to burn and evaporate, causing that suffocating smoke so distressing to the operative.

Wadebridge, July 29.

Human Efforts

MINERAL WEALTH OF NORTH WALES.

MINERAL WEALTH OF NORTH WALES.

Sir,—Before proceeding to describe the several mining operations which are being carried on in this locality, I purpose giving a short geological exposition, for the benefit of such of your readers as may feel interested, and have had no opportunity of personal inspection; and in each succeeding letter to confine my remarks to such successive portions only as would admit of each day's pedestrial surface examination, commencing from the Talargoch, and travelling southward as far as the Minera Mines (the two grand extermities of its mineral resources). By the aid of an Ordnance Map it will not be difficult to mark out the several points which will be adverted to, and a line of demarcation may be gleaned, sufficiently accurate to fence off the perilous adventures which so frequently decoy the unwary, from the limited yet capacious bodies of rock which have encased vast wealth to past and present generations; and which, as I hope I shall be clearly able to explain, still contain an almost inexhaustible field for future enterprise. This mineral or carboniferons channel of linestone extends in length 25 miles magnetis south from the Talargoch to the Rhoesemor, in a direct and continuous course, thence thrown 1½ mile to the west, from the extensive Mold Mines, or, perhaps, I might say the Bry. Gwog to the Westminster, and thence in a somewhat interrupted and much disordered country as far as the Minera Mines. It is a matter of animated controversy as to whether the Bryn Gwofa falls within the limits of the second range, but as I intend presenting to the reader the arguments adopted on both sides of the question in a future letter, I will proceed, leaving the decision of this interesting question in a beyance. I may now, in fixing the eastern boundary of this rich channel, draw the reader's attention to the coal measures by which it is skirted and traversed for the whole distance. This is an infallible pinnele to which the practical and experienced miner pins his fing of faith, so one of

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s remain for years undiscovered, until the tired miner grows weary of "hope de d," and it eventually becomes the welcome treasure of the more fortunate and, per-, ectentifie miner in after years.—"Jadrgoch. A FLENTSHIER MINER.

Meetings of Mining Companies.

MARIQUITA AND NEW GRANADA MINING COMPANY.

The siath annual meeting of proprietors was held at the London Tavern, on Monday

MARIQUITA AND NEW GRANADA MINING COMPANY.

The sisth annual meeting of proprietors was held at the London Tavern, on Monday,
Mr. R. A. Routh in the chair.

Mr. L. R. Jones (the secretary) read the notice convening the meeting. An abstract
of the report and accounts appeared in last week's Mining Journal.

The CLAIMAN said, upon the present occasion he had the honour of proposing the reoption and adoption of the minin annual report of the proceedings of the Mariquita Company. As the present beautiful the present occasion is the proprietors for some days, he presentent with reading it, but would merely advert to the more important points, in order
that proprietor might, if possible, have a more clear and lucid idea of the proceedings of
the company for the past year. In the first place, it would be seen that the quantity of
the province of the proprietor of the proprietor in the previous
year. The same amount of silver, however, could have been produced as in the previous year, if no regard had been had to the development of the mine; for it must be
berne in mind that Capt. Ridington stated that he found the mine worked out of order
we wince, and to be drawn by hand tackle to the 90 fm. level, before it bould be put to the
shaft to be drawn to the surface, and that it would beseveral months before he could put
of the mine had not yet been completed, and Capt. Ridington hoyed by the end of ten
yells to be down, by means of a winze, to the 120 fm. level, and to have two years'
were opened out. The quantity of ore stamped at the Marmato Mines between
Sired 31 and \$\frac{1}{2}\$ the present of the company, the returns may be maintained at a profitable point.

The present in the present of the present in the present

tive value.—Mr. Christopher Richardson said that the deficiency arose, in fact, from a mere adjustment of the account. The Christon reminded the meeting that the cost of the Purima Mine had been written off as a loss.

Mr. George (one of the auditors) said the apparent difference in the accounts mainly arose from the decision that the cost of the Purima Mine should be written off; but were additors to be blamed, he would ask, because that was not written off before? Would he shareholders or the board sanction the auditors at their will striking off one-third of the company's capital? The duty of auditors was to see that every voucher was produced, and that they agree with the items charged, and not to interfere with the manner in which the company's business was carried on—that was a question for shareholders, and shareholders alone.

The Solution, in answer to a question, stated that by the supplemental deed both auditors were appointed by the shareholders.

Mr. Syzwer Heraparat said that the difference in their accounts now and at the last meeting arose from the simple fact that they had been altogether remoddled. They had love a different mode of looking at their financial position. The item of the Purima account had always been considered very questionable, and it had at last been written of, which had given rise to a large apparent deficiency. Anybody would have been wanting in intelligence, indeed, if they had not regarded the Purima item, to all intents and purposes, a questionable asset.

Mr. C. Richarbson said that although their accounts were not in a very flourishing condition, yet he must congratulate his co-proprietors upon the fact that for the first time since he had been a shareholder of that company they had a true and bones balance-sheet. He believed that if it had not been for the care and attention given by the public accountant they would never have known their exact financial position. He must congratulate them upon having at length written off the Purima sham, and upon that accounts he ha ane of those whose property one was entrusted with—the servant having the personal capualitance of his employers. During the three years he had been directly in the employ of the company he had felt this difficulty—that he was dealing with men he did not know; but that difficulty had now been happliy removed. There could be no doubt that they had passed through a period of unexampled difficulty, but that had passed of way. Although nearly two years had elapsed since dividends had been paid, the cessation having been occasioned by the adoption of precautionary measures to avert the destruction of the property, he could not see there was anything at which to be discouraged, as the assumption was that, instead of spasmodic dividends, their property would be brought into a permanently paying state. It would have been perfectly competent for the company to have paid dividends up to the present time, but then they would have cased, and they would have had to contend against the evils to which their property was exposed. But by the course at present being adopted not only had the security of the mine been preserved, but the mineral could be extracted much more readily, and at a considerably cheaper rate. The statement which appeared in the Afining Journal did not appear to be an exactly fair representation, for it was perfectly file to tell those who entered into mining pursuit that their plant was worth nothing. It was not to be supposed that the 103,000 shares were worth the original capital subscribed, nor could they imagine that they had still their working capital to set against the subscribed capital. But they had an establishment in as good working order as any on the continuent of South America, waining nothing in the shape of plant; and when the mine was opened in a miner-like manner the resumption of the dividends would take place, and would, in all probability for examples of the dividends would take place, and would, in all probability for the mine had been improved?—Mr. But all would increase the deeper t

thanks to the Chairman and directors.

Since the report has been printed, the following despatches were received on same day:—
\$ASTA ANA MINES: April cost, \$7871; returns, \$87.56. May cost, \$9319; returns, \$10,210.

—Report for May: In the 110 fm. level end, north of winze, the lode is about 5 ft. wide, it is composed of quartz, rich bunches of pyrites, and a little grey silver, yielding good dry stamps mineral. In the winze in the bottom of the 110 fm. level the lode is 8 ft. wide, much the same as last reported; sunk 2 ft. 6 in. last month. In the stope in back of the 110 fm. level, north of winze, the lode is about 8 ft. wide in the part stoped last month; it has a rich leader of pyrites 2 ft. wide on the west side, and the other parts of it are composed of quartz, pyrites, grey and a little red silver; it is a very rich lode—stoped 2 fathoms 1 feet 7 inches last month. In the stope in the back of the 100 fm. level, north of winze, the lode is about 6 feet wide, with bunches of dry stamps mineral in it: stoped 3 feet last month. The winze in bottom of the 90 in flookan; the ground is favourable for sinking; sunk 1 fm. 1 ft. 6 in. last month. The new shaft, cutting down below the 69, cut down 6 ft. last/month. The tranroad was completed to the first winze about 60 fms. on the 8th of last month, the day after the iron was brought here; I was obliged to fix about 15 fms. of wood rails to complete it to that winze for want of iron. The prospects of the mine continue very good.—Markato Minks: For March, cost \$7619, returns, \$5795.—PURIMA MINES: For March, cost \$540; returns, \$312.

about 10 fms. on the 8th of last month, the day after the iron was brought fore; I was bigged to fix about 15 fms. of wood ralks to complete it to that wires for want of fron. The prospects of the mine continue very good.—Manazro Mines: For March, costs \$7619, returns, \$2019—Forman Monits; For March, cost \$7619, returns, \$2019—Forman Monits; For March, cost \$7619, returns, \$2019—Forman Monits; For March, cost \$7619, returns, \$2019—Forman Monits; Forman Monits, \$2019—Forman Monits, \$2019—

or even 1000 ft., and be as permanent sources of wealth as the tin and copper mines or Great Britain."

These remarks, founded on scientific consideration, have been thus far corroborated by practical experience, as will be seen from the following reports from Mr. Harvey, the mine agent, who is managing the Clunes Mine. Extracts from Mr. Harvey, the mine agent, who is managing the Clunes Mine. Extracts from Mr. Harvey's reports:—"Oct., 1859.—The great feature of these reefs is their regularity of yield, as well as the large amount of quartz which can be raised, hence the success of the company. Had there been any falling-off in the yield we should have been doubtful of the reefs continuing productive. Such is not likely to be the case, as in the deepest workings of the mine we find the bearing channels of the reefs looking as promising as ever."

"Nov. 12, 1860.—The appearance of the underground workings on the several reefs is, without exception, still maintaining the same regular character. At times a slight deviation occurs; but, as a general rule, the reefs are of the same unwarping appearance throughout the mine, showing no indication of becoming poorer or cutting out in depth. The various portions of the reefs which on surface gave some very good returns when only a portion of the vein was taken out continue equally as good, and can be traced in continuous runs to the lowest workings of the mine."

It may not be unsuitable here to interpose a word of caution with respect to the advices published by the directors monthly in the newspapers, as received from Melbourne; and that is, not to draw any conclusion, either favourable or otherwise, from the produce

It may not be unsuitable here to interpose a word of caution with respect to the advices published by the directors monthly in the newspapers, as received from Melbourne; and that is, not to draw any conclusion, either favourable or otherwise, from the produce of any single month. Variations must occur, from causes sufficiently evident. In the six months from April to Sept, inclusive, the lowest monthly yield was 11 dwts. 12 grs. per ton; the highest 16 dwts. 14 grs. per ton. In the six months from Oct. to March, inclusive, the lowest monthly yield was 11 dwts. 13 grs. per ton; the highest 16 dwts. 14 grs. per ton. In the six months from Oct. to March, inclusive, the lowest monthly yield was 11 dwts. 13 grs. per ton; the highest 10 grs. Odwt. 3 grs. per ton. Nothing short of an average of six months can be taken as a fair test of the value of the mineral. I may also mention that at the end of every six months the last month of the period receives an accession of income from the clearing-up of the beds of the stamps, which takes place every six months. Thus, the profit of the month of March was 22071. 3s. 2d., but in this return is included the sum of 9151, the company's proportion of gold found in the stamp-beds. This will always occur in the months of March and September. It is also extremely probable, according to the advices last received, that there may be a failing-off in the supply of mineral during the next six mouths, as the Clunes Company is about deepening the north shaft in the mine 240 ft., and while this is going on Mr. Harvey thinks it very likely that they may not be able to keep up the supply to keep the stamps fully at work. In looking at the present improved position of the company, it may not be out of place to take a glance at the past. This company was one of those formed in the entry part of the year 1852 for gold mining field naturalis; and it is the only one of those formed at that time for that continent that has survived. Its first years were years of disappointment. The company met wi

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pound were adopted, the shares would be increased to double their present value; and the question of limited liability was of far greater importance than the question of 6d. per share distribution.

Mr. Magnus was persuaded that, without dissolving the present company, it could not be brought under the Limited Liability Act.

Mr. KLINGENDER could see no possible objection to the present company being dissolved—no reasonable man could object to it.

Mr. Stock enquired if the distribution of 1s. 6d. per share, instead of 1s., would affect the question of limited liability?—Mr. KLINGENDER could not see that it could have any possible effect.

The CHARISTAN said they must congratulate each other upon the altered position of the company, for some time since it was proposed, meeting after meeting, to wind-up the company, but now they were disputing what should be the amount of distribution. The directors had a prudent regard for the welfare of the company, and when the question referred to by the committee came forward it would be met with the hearty concurrence of the directors. The object of the board was to make the dividends periodically, and he reminded the meeting that the undivided profits were yielding 4½ per cent. Interest. The company's solicitor had informed him that they could not pass any other resolution than that submitted in the notice. The proposition must either be negatived or adopted. As to the appointment of auditors, a clause was inserted in the deed that one should be appointed by the board and one by the sharcholders, but he was quite sure when that question came to be discussed there would be no objection on the directors side of the table to both auditors being appointed by the sharcholders, but he was quite sure when that question came to be discussed there would be no objection on the directors side of the table to both auditors being appointed by the sharcholders, but he was quite sure when that question came to be discussed there would be no objection on the directors side of the table t

DUN MOUNTAIN COPPER MINING COMPANY.

An ordinary general meeting of shareholders was held at the London Tavern, Bishopsate-street, on Wednesday,-Mr. ARNOLD ROGERS in the chair.

Mr. F. Sauvners (the accretary) read the advertisement convening the meeting, and he minutes of the last were read and confirmed.

the minutes of the last were read and confirmed.

The report of the directors stated that the railway, as laid out by Mr. Fitzgibbon, would run from their chrome mines, by the contour and slopes of the mountains, to the Brook-street Valley, thence into the streets of Nelson, and terminate at or near to the Government Wharf. It was expected such portion of it would be completed by Christmas to enable them to convey the ore to the town, and thence by carts to the port of shipment. The directors congratulated the shareholders upon the steadily improving prespects of the undertaking, which was attributable to the approaching completion of the railway, the quantity of chrome ore prepared and "in sight," and the further acquisition of valuable mineral lands in the Dun Mountain district.

The accounts showed a halance of assatz over liabilities of 17 402 0.

prospects of the undertaking, which was attributable to the approaching completion of the railway, the quantity of chrome ore prepared and "in sight," and the further acquisition of valuable mineral lands in the Dun Mountain district.

The cacounts showed a balance of assets over liabilities of 17,4381, 9s.

The CRAIRMAN, in moving the adoption of the report and accounts, stated that the board were waiting with great anxiety for the completion of the railway, which they confidently believed was the only desideratum to bring their undertaking into a profitable condition. The main mineral explorations had been suspended, in order that the whole of their efforts might be exercised to bring about as quickly as possible that which they look forward to with so much interest—the completion of their railway. As regards the chrome ore, he was glad to say that they not only had plenty of material, but that there was a very good and ready market for it, at a price which would leave a good profit to the company. As regards the engineering departments, shareholders were, doubtless, aware that they were for a long time without having anything satisfactory, until, indeed, Mr. Doyne, accompanied by his assistant engineer, Mr. Fitzgibbon, went out. It was extremely fortunate for the company that they had gone out, for they had nendered services of the utmost value—in short, Mr. Fitzgibbon had proved himself a man of great energy and ability. The board feeling there existed no further necessity for a mining manager, thought it much better that the appointment of general .aanager should be conferred upon Mr. Fitzgibbon, the more especially as he was a mining and a practical engineer. Arrangements had, accordingly, been entered into with him for three years, and the board had every reason to be perfectly satisfied with the manner and vigour with which he appeared to be conducting the company's operations. Therefore, the only thing which they were waiting for was the sufficient progress of the works to enable them to transmit the o

faily treat with the owners of the property, in the event of their demanding high terms. That they did not think would be necessary, for their absence aione had prevented them from giving their sanction. He might also mention that the land recently acquired abounded in mineral, limestone, and timber. There was nothing but the strictest economy practised, and everything was as encouraging as it possibly could be. The quantity of chrome, ore stacked ready for shipment now amounted to 3500 tons, so that the total quantity in reserve was about 11,000 tons. They had recently opened a new rece, which was producing a richer quality of ore than had yet been produced, and there were two other reefs discovered of very rich ore; therefore the quantity appeared infinity greater than had hitherto been supposed. A suggestion having been made that it would be prudent to have a proper working or rolling stock in hand, a liberal supply had been ordered, and everything necessary would be supplied with the utmost dispatch. The mext point was with regard to the 4000 shares which had been reserved, for the share issued had been allotted exclusively and entirely to the shareholders, and the Board did not think it advisable to extend the allotment, because they thought it possible the market value of the shares would be increased. If it were determined to allot the remainder of the company was as satisfactory as could be expected, considering the expenditure that had been made; and when they recollected the amount of work that had been done, the board of directors had no reason to be dissatisfied with the expenditure upon the other side. He could not refrain from stating that be did not upon that occasions. It had been their misfortune to lose by death two of their oldest directors, and the stannehest supporters of the enterprise. In the room of Mr. Morrison, whose loss they much deplored, the board had elected his friend and partner, Mr. Scianders, who had been working for the company for many years, having been Chairman of the Nels fully treat with the owners of the property, in the event of their demanding high terms. That they did not think would be necessary, for their absence alone had prevented them.

AUSTRALIAN MINING COMPANY.

The ordinary general meeting of proprietors was held at the London Tavern, on M Mr. G. PALMER in the chair.

The notice convening the meeting having been read, the secretary submitted the repor

The notice convening the meeting having been read, the secretary submitted the report of the directors, as follows:—

In the last annual report which the directors had the honour to make to the share-holders of the Australian Mining Company they were informed that, in compliance with the resolution of a majority present at the general meeting of July 30, 1859, the board had confined their efforts to the work of bringing the concerns of the company into as simple and favourable a position as possible, with a view to the final winding-up of its affairs at an early neried.

the resolution of a majority present at the general meeting of July 30, 1859, the board had confined their efforts to the work of bringing the concerns of the company into as simple and favourable a position as possible, with a view to the final winding-up of its affairs at an early period.

During the past year the following sales have been effected in the colony:—Land at Allen's Creek, comprising 247 acres for 7251.; stores and mining materials, 2401. 19s. 7d.

The last balance-sheet shows a sum on deposit at interest at banker's amounting to 20001., and a balance at banker's on current account 3951. 15s. 3d., and petty cash in hand 13t. 18s. 3d. Since the close of the annual account on June 16 last remittances have been received from the colony amounting to 10001., and by last mail an estimate of outstanding debits due and coming due to the company within the next six months has been received from the company's agent, amounting (asb)ect to some trifling deductions) to 24391. 0s. 7d. In pursuance of the resolution of the majority of the proprietors present at the general meeting of July 30, 1859, the Tungkillo and Chariton properties were offered for sale at the Auction Mart, on the 23d inst., but were not sold; the only offer being 50001, for Tungkillo, and 3001, for Charitton.

Land AT ALLEN'S CREEK.—The directors have to report that the 247 acres remaining unsold at the last general meeting have been disposed of by Mr. S. Davenport, the company's agent in the colony (as stated above), at an average of nearly 31, per acre.

Land AT PORT Aucusta.—The company's half-acre section, with frontage to deep water, is not yet sold, no offer sufficiently good, in the opinion of the directors, having been made for it. The important discoveries in the North being likely to increase the value greatly, the directors do not think it desirable to press the sale at present.

Nores have been and are being realised as opportunities occur, and the company's agent is making asles with as little delay as is consistent with secur

| Age | Balance at bankers last year | Age | Balance | Balance at bankers last year | Age | Age | Balance | Balance at bankers last year | Age | Age | Balance | Age | Age | Balance | Age | Age

Mr. Coxinzan did not think the directors had advertised the company's property to a sufficient extent, at any rate, in this country. Hounderstood the reserve price put upon the Tungkillo estate by the directors was 35,00012, and 50001, for the Charlton property. If that were the reserve price now, the property must continue to fructify, as it had been fructifying up to the present time, and the rents were accruing, and must be regarded as applicable as a return of assets or as a dividend; and after the adoption of the report he should be prepared to move a resolution to that effect, fixing the amount at 3s. per share, and to be declared upon all shares in the company upon which had been paid the calls up to 77. 7s. 6d. per share.

A Director, in answer to a question, stated that besides the shares upon which 71. 7s. 6d. and been paid, there were 1000 free shares, which latter, according to the original agreement, were free from any call. The existence of those free shares was a serious and effectual bar to such a distribution as that proposed by the hon, proprietor. There could be no doubt that the adoption of such a resolution would involve them in litigation.—Mr. Coxunab spreed that it was contrary to law and equity that those parties who had not paid for their shares should participated in the division of the assets.

The CHARMAN said there were nearly 18,000 shares upon which no payment had been made, and fully paid up, and there were 1000 free shares, upon which no payment had been made, Out of those 18,000 shares should be not had been for the share excent the same time their remained a grave question relative to the owners of those free shares.

of those free shares.

Mr. ANDERTON said the question of the free shares could not be disposed of in the way Mr. ANDERTON said the question of the free shares could not be disposed of in the way Mr. Coxhead, for under any circumstances notice must have been given that a division of the company's assets was about to be proposed. He would ask Mr. Coxhead in what way he would regard a proposition for the division of the assets of the company in which he was engaged, merely upon a motion of a proprietor, without having given any previous notice? Upon the adoption of such a resolution, under such circumstances, any shareholder could go and at once obtain an injunction in Chancery to restrait the directors, and especially those who held the free shares. He would ask the proprietors whether it would be advisable to adopt a resolution which the directors had no power to carry into effect?

power to carry into effect?

AURARHOLDER asked the solicitor whether the holders of the free shares, not having advanced any capital, were entitled to receive any of the assets?—Mr. H. MASTERMAN (the company's solicitor) said that himself and counsel also considered that there was great doubt as to the rights attaching to the free shares.

Mr. ANDERTON considered it very impolitic to discuss that question in a public room, which could have no other effect than the arming of their opponents.

Mr. COMERAD was astonished to hear that it was the opinion of Mr. Anderton that they could not at a general meeting of shareholders, at which was presented the balance-sheet, deal with the division or distribution of the assets.

Mr. TERROW memora a dividend.

Mr. Matternan, at the request of a proprietor, read the clause in the deed relative to the free shares. It was to the effect that 1000 shares of the capital of the company, free from the payment of deposit or call, should be set apart to the discoverers of the mine, for their expenses and past services.

the Irwe shares. It was to the effect that 1000 shares of the capital of the company, free from the payment of deposit or call, should be set apart to the discoverers of the mine, for their expenses and past services.

Mr. Coxhead said that clause referred entirely to the company as a paying concern; but he contended the holders of those free shares could have no equitable right whatever to a proportion of the assets of a winding-up company.

Mr. MARTEMAN which he could endorse the simple view taken by Mr. Coxhead.

The Chairman did not think it desirable to aghate the question further. He was sure all proprietors were anxious to honourably but equitably complete the bargain into which they had entered. If the holders of those free shares were entitled to anything, he was sure it would be the wish of the proprietors that they should receive it. At the present time there was a great doubt about the matter; the directors were extremely anxious to do that which was right, but, at the same time, they would not give one sixpence into the hands of those gentlemen who had not contributed to the struggle in working and developing those mines until all doubt had been dissipated. It had been said that the sale of their property had not been sufficiently advertised. In answer to which he mist mention that it had several times been advertised in the Mining Journal, Times, and Daily Ness, in addition to which there had been a considerable sum expended in advertising in the colony. For his own part, he could not but regret, in common with some of the largest shareholders, that they had stopped the mine at the very point of deriving benedit. If they had gone down another 10 fathors it was very likely they would now be receiving handsome dividends. With regard to the distribution of the fands in hand, there was great difficulty because of the question of free shares. To adopt the resolution of Mr. Coxhead he was afraid would involve littigation, but still any proposition from the shareholders would receive the best attention o

from the colony, and was a holder of some of the free shares. He thought Tungkillo would be depreciated in value by dividing it into small lots, or by allowing a road to be made through it; and be would suggest that the land be sold, reserving the minerals, which he believed would command a value hereafter. He was ready to give 20,000f, for

the property.

A Diracron stated that the board had already received a very much better offer than that made by Mr. Baker, from a party willing either to purchase or lease Tungkillo. The report and accounts having been adopted, a proposition was made to the directors to take early measures for returning some of the assets to the shareholders. It was also suggested that the property should be let at fixed rentals, and the minerals at a certain royalty.—A lengthened discussion ensued as to the price at which the Tungkillo estate should be sold, a proposition being made to authorise the directors to dispose of it for the sum of 30,000. Subsequently it was agreed that the whole matter should be left in the hands of the directors.

A vote of thanks to the Chairman and directors was passed, when the proceedings terminated.

THE SOUTH EUROPE MINING COMPANY.

At the general meeting of shareholders, held at the company's office, New Bridge-stree Blackfriars, on Tuesday, a report was read, of which the following are extracts: —During the past year the chief attention of your directors has been devoted to the development of the Buitron Mine, and they have now much pleasure in stating that in the month of August last a portion of the mass of ore was discovered in an upper level, about 20 yards above the deep adit and 60 yards eastward of the main shaft. This discovery necessitated the payment of the remaining portion of the purchase-money for this property; this has accordingly been made, and the whole of the company's mines are now free from any pecuniary claim respecting their purchase. On investigating this discovery of ore it was soon obvious that it could only be the upper portion, if not the extreme top, of the eastern end of the mass, and that the main deposit must be some distance to the north of the main adit. It was, therefore, determined not to attempt extractions of ore from this upper level, but to continue the main adit westward, untit it with the main shaft, and to drive a cross-cut from the end north, so as to intersect the deposit at a depth of at least 20 yards. These works have been successfally carried out, and the mass of ore cut at about 30 yards north of the main shaft; a ladder-road has also been completed in shaft 21, thus affording greatly increased facilities of egress and ingress to the mine. To facilitate operations on the mass of ore reached by the cross-cut and deep adit a level was driven west and east on the run of the deposit, and the mass attacked at five different points, about 6 yards distant from each other. That portion of the mass towards the east was found much mixed with decomposed killas, but that towards the west, or in the direction of the main mass of the deposit, was clean, compact, and of good quality. Samples of the jore obtained from four of the cattings have been received, and on being assayed for copper gave the following results: From No. 1 cutting, or that furthest from the main mass of sold my consequ Blackfriars, on Tuesday, a report was read, of which the following are extracts:—Durin

UNITED MEXICAN MINING ASSOCIATION.

The half-yearly general meeting of shareholders was held at the company's o Finsbury-circus, on Wednesday,-Mr. C. Morrus in the chair.

Mr. W. M. Browse (the secretary) read the notice convening the meeting, and the minutes of the special general meeting, held on Feb. 28 (which were confirmed), toge ther with the report of the directors, of which the subjoined is an abstract:—

ant. W. M. Bowles (the secretary) read the notice convening the meeting, and the minutes of the special general meeting, held on Feb. 28 (which were confirmed), together with the report of the directors, of which the subjoined is an abstract:—

The directors have the satisfaction of being able to report a substantial improvement in the state and prospects of the company's affairs. The profit on the working of the mine of Jesus Mariay José amounted during 1868 to 837,024 28c., of which the company's proportion was \$23,425 92c. Mr. Fitzherbert estimated that the profit of the mine and hacienda would have been upwards of \$30,000 more but for the unsettled state of Mexico, and consequent rise in the prices of stores and materials. The profit on the quarter ending March was \$37,1845c., of which the company's proportion was \$44,473 44c. In the last half-yearly report it was stated that they were driving on La Luz lode, and at that time there were three frentes being driven in that direction in good ors; since that time the number of frentes has increased to five, one above the other, and all of these have laid open ground producing ore of excellent quality and in great abundance. The vein is subject to fluctuation, but it is unsually large, being in one place more than 15 yards wide, and rendering cross-cuts necessary in order to discover the most productive parts. All the frentes or levels above alluded to are being pushed forward into whole ground, and much may be expected from their further progress. At 30 varas above these is a frente or level called San Andres, which will throw considerable light upon the upper ground, hitherto quite unexplored. In the mine of La Trinidad one frente only is being driven, and that in the direction of the rich mine in Jesus Maria. The mines of Cata, Secho, and Rayas are yielding no profit, but Secho looks encouraging. The haciendas of Dolores and Duran continue fully employed in the reduction of the Jesus Maria ores, Arrangements have been made; upon this account there remained du

ditor going out of office by rotation is Mr. John Hibbert.

The Chainstan said that, as they had heard the report read, he thought there remained very little for him to say; in fact, he did not know that he could add anything to what was stated in the report, except by way of congratulating them upon the present very prosperous state of the mine, as compared with the condition of the property at the date of the last July meeting. He might refer to the profits during the past few years in support of his remarks upon their favourable position: in 1858 their profits amounted to \$12,321; in 1859 to \$17,300; and in 1850, as they heard from the report, to \$37,000, in addition to which Mr. Fitzherbert told them they would have had another \$30,000 had it not been for the unsettled state of political affairs in Mexico. In the quarter ending March, however, their profits had amounted to \$57,000, which (even assuming that they had realised the whole of the amount which Mr. Fitzherbert had estimated they might have done), was nearly equal to the entire profits of last year. With respect to the profits to the end of June they were not yet able to state what they were, but he saw no reason to anticipate a decline; and they had still something in reserve—they had the fits to the end of June they were not yet able to state what they were, but he saw no reason to anticipate a decline; and they had still something in reserve—they had the level of San Andres, so favournably reported upon, and to which too much importance could not be attached. Looking at the whole of the property, he felt that he might fairly congratulate them upon their very prosperous condition, and he sincerely wished that country was still in a state of anarchy, and, unfortunately too, as long as that continued they must remain always in fear. Yet it seemed that they had little to hope for in the way of improvement until foreign powers resolved upon intervening to prevent a state of things that resulted not alone in anarchy, but which must ultimately prove a complete desolation of the country. He might inform them that, owing to the unhappy state of affairs which he had been describling, they had no accounts by the last packet. He was no nts by the last packet. He was not need refer, and would

tion of the country. He might inform them that, owing to the unhappy state of affairs which he had been describing, they had no accounts by the last packet. He was not aware that there was any other point to which he need refer, and would, therefore, move that the report be received and adopted, but would be happy to answer any enquiry the shareholders might have to make.

A SHAREHOLDER would be glad to learn what had been done on behalf of the company in relation to the representation to Sirc. L. Wyke, the new British Minister, of the claims of the company upon the Mexican Government?—The CHARRIAN said that he had addressed a letter to Sir C. L. Wyke, in which he give him as clearly and conclisely as he was able the facts of the case; he (Mr. Morris) did not consider that the letter required any enswer, and no reply had been made to it.

was able the facts of the case; he (Mr. Morris) did not consider that the letter required any answer, and no reply had been made to it.

Mr. Honner supposed that the reason of the market price of shares being so low was a matter which could only be accounted for by the members of the Stock Exchange; although it was probably attributable, as the Chairman had remarked, to the unsatisfactory state of the country. It was in 1857 that the last payment was made by the Mexican Government. From a rough calculation, he estimated that the Zacatecas claim then amounted to \$63,000, so that at present it would be about \$63,000; then they had a tax of 1 per cent. upon their capital three times in 14 months—indeed, their total claim against the Mexican Government would amount, he thought, to about \$68,000. He did not doubt that the directors had done all they could in the interest of the company, but he thought that it might be well to follow in the trail of the Mexican bondhoiders, by sending a deputation to the Foreign Secretary, and from the courteous way in which the bondhoiders' deputation had been received, he saw no reason to apprehend that anything but good would result from the appointment of a deputation by the present meeting of two directors and two shareholders to wait on the Foreign Secretary. He was, however, so confident in the exertions of the directors, that he would not press his motion if they considered it undesirable.

if they considered it undesirable.

The CHAIRMAN thought it would be preferable to leave the matter in the hands of the board. He scarcely thought that the deputation was necessary, inasmuch as everything had been already represented as strongly as it could be. At times, however, they had

thought of such a course, and if the matter were left in the hands of the directors the proprietors might depend upon them doing their best for their interests. Latterly, they must remember, the Mexican Government had not paid anyone, so that they could not fairly complain of being in a worse position than others connected with the country.

Mr. Bonner thought that a great cause for active measures was the apparent want of principle on the part of the Mexican Government. They would not even grant them a drawback upon the silver exported, and he confidently believed that if they had the means they would not pay.

The Chainman thought that the Foreign Secretary had done all in his power, and he (the Chairman) would certainly like to know the contents of their next advices, at least, before they resolved upon any such deputation as that proposed.

The Skorskany read a letter from Mexico, dated April 6 last, which the Chairman remarked would show there had been no neglect on the part of the company.

Mr. Goddand reminded the meeting that patient creditors were too frequently forgotten, and, so far as he understood, all that Mr. Romney required was that the United Mexican Association should be in the position of clamorous creditors, in the loops of thereby obtaining their rights.

Mexican Association should be in the position of clamorous creditors, in the hope of thereby obtaining their rights.

Mr. WILLIAMSON (a director) said that the San Acasio claim was, no doubt, of importance, but he did not regard it as the principal thing. The pacification of the country was the event for which they had to hope. The mines themselves were now in a position that left nothing more to be desired. At the time of the last report everything, was ooking prosperous. But what they wanted was to see the country in a settled state, as noney would then be more abundant, and everything would be better.

Mr. Sowst. recollected that Mr. Fittlerberb had written much about the increased xpenditure, and would be giad to learn whether the improvement that had taken place as caused any diminution?—Mr. Phillips (a director) said that no particular reduction was noticed in the accounts received except in the price of quicksliver, He did not see was noticed in the accounts received except in the price of quicksliver, He did not see the country of the price of quicksliver, and would be expected while Mexico remained in its present uncettled state.

The report was then unanimously adopted. Mesars. Morris and Weston were re-elected directors, and Mr. Adams was elected director in the room of Mr. Tasker, de-ceased. Mr. Hibbert was re-elected auditor, and thanks to the Chairman terminaty.

WEST CARADON MINING COMPANY.

A bi-monthly meeting of shareholders was held at the company's offices, Adam'sourt, Old Broad-street, on Wednesday, -Mr. A. HARRIS in the chair.

Mr. Dunsford (the secretary) read the notice convening the meeting, and the statement of accounts, from which the following is condensed:—

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The accounts and reports were unanimously adopted, and a dividend of 11. 10s. per thare declared.

Mr. E. Cooke wished to know, not having heard the report read, how the bottom levels were looking ?—Mr. F. Pavor stated that they were looking better on the new look than for some time past, that was in \$\frac{1}{2}\text{the 104} and 116.

On the motion of Mr. James, a unanimous vote of thanks to the Chairman, committee, and manager was passed.

GREAT WHEAL ALFRED MINING COMPANY.

A general meeting of proprietors was held at the London Tavern, on Tuesday, Dr. A. BEATTIE in the chair.

Dr. A. Brattle in the chair.

Mr. D. Cohen (the secretary) read the notice convening the meeting, and the minutes of the last were read and confirmed.

The statement of accounts showed a loss upon the three months' working, ending July, of 1120f. 7s. 11d., and a balance of liabilities over assets of 2770f. 17s. 1d.

The report of the agents stated that from the depressed state of the copper and tin standard they have sustained a loss of several hundred pounds on the sales of copper ore and tinstuff. In addition to the loss on the sales, they had a new coupling for the main-rods, 80f., and centre end for the capstan-whim, 40f.; these are extras. In consequence of the drop in the tin and copper standard, the reserves are not so much in value now as last quarter; they calculate them to be worth 11,000f.

last quarter; they calculate them to be worth 11,0007.

The CHAIRMAN said that Capt. Trelease had been requested to inspect the mine, and the report which he had made recommended certain operations—the driving of the 142 east—which were at variance with the recommendations of their agents. Now, all operations which had been carried on eastward had proved unprofitable, and certainly adverse to the interest of the shareholders, and Capt. Trelease had previously inspected the mine on behalf of some of the lords, and it might be that the interest of the shareholders was considerably at variance with that of the lords.

Mr. Nicholason suggested that the report of Capt. Trelease should be read, although the committee did not purpose adopting the recommendations it contained.

The Sucratant read the report seferred to, the shife point of which was the recommendation that the 142 east should be driven. He estimated the value of the ground of some time past.

opened at 11,000?. He considered that proper attention had not been paid to the eastern ground for some time past.

Mr. J. Hollow thought it was but proper he should explain the renson he had engaged Capt. Trelease to make what might be called an extraordinary inspection of the mine. For some little time past he, as an acting member of the committee, had been convinced that either the stopes had been over-valued, or that there was too much charged in the cost-sheets for stoping; and he was also very anxious to obtain an independent practical opinion with respect to the advisability or otherwise of driving the 142 east; and there were two or three other points upon which he considered it desirable to obtain advice. Feeling assured there could be no better adviser than one who had been had been for many years the manager of Aifred Consols, he (Mr. Hollow) considered he was studying the best interest of the shareholders in selecting Capt. Trelease, the mass especially as he enjoyed the confidence of the shareholders residing in the neighborhood of the mine. During the last week, when in town, he had had a most anxious consultation with the secretary upon the subject, who, having investigated the last certain the considered he was subsequently endorsed by other members of the committee. The objection which had been urged against Captain Trelease's report was that he had previously been encoved by even of the legitate of the extraor parts of the mine. had been urged against Captain Trelease's report was that he had previously ployed by some of the lords to make an examination of the eastern part of the mine, so that, therefore, it had been supposed that he had been somewhat biassed in their favor in opposition to the interest of the shareholders. But, as far as he (Mr. Hollow) acconcerned, he fully concurred in the recommendation of Capt. Trelease, although in our or two points they were materially opposed to the views of their own agent. In the present state of the mine, however, it was scarcely worth while to further refer to subject, as the necessity for acting upon it would, in all probability, be obviated.

Mr. MINORD said upon the last occasion they met together he had fully concurred in the views expounded by Mr. Hollow, trusting implicitly to his position and practical experience; but he (Mr. Milford) was sorry to say those views had not been realise, the result being contrary to what was expected.

Mr. HOLLOW reminded Mr. Milford that at the time of the last meeting there were two or three very important points presenting most unusual promise—for instance, the the 200 them.

Mr. Hollow reminded Mr. Milford that at the time of the last meeting there were two or three very important points presenting most unusual promise—for instance, the vinze sinking below the 210 was of the average value of 70t, per fm.; the 220, then approaching it, was thought to be an object of great importance, for had the ore continued the winze to the 220, and in that level, those present could form some idea of the value of the discovery; he, however, was sorry to say the ore had not continued rich when the value of the discovery; he, however, was sorry to say the ore had not continued rich the winze, and that the 220 end was still poor. Those were things over which no could have any control; and, moreover, there was a loss upon the quarter's saie, eccived by the drop in the standard of about 182, per ton; the total loss on that account in the three months amounting to about 7201, and the loss upon their tin sales was abed 1801; and the extra costs, coupled with the repairs to the whim, amounted to about 1201, nore, making a total sum of something like 10001.

The Chairman said the committee were decidedly of opinion that at least all the included the control of the co

casion, as it was necessary to call a special meeting to constant the properties of colving the company.

Mr. Cora was giad to find that they had at length determined upon suspending upon content of the course for some line past. He thought the best plan would be to stop the mine altogether.

Mr. RICHARDS said as there appeared to exist such a diversity of opinion with regret to the mine, he would suggest that some independent agent should be called in, and his opinion published at the next meeting.

After some further discussion the agents' report was received and adopted, and its

unts passed and allowed.—A call of 3s. per share was made, and the committee were lected.—It was then resolved that a special general meeting of the proprieters be on August 20, to take into consideration the expediency of stopping the mine, and osing of the machinery and materials, he proceedings terminated with a vote of thanks to the Chairman and committee.

SOUTH CARADON WHEAL HOOPER MINING COMPANY.

An ordinary meeting of shareholders was held at the company offices, George-yard, Lombard-street, on Tuesday,—Mr. Thorstiwaits in the chair.

Mr. J. Watson (the secretary) read the notice convening the meeting, and the minutes of the last were read and commitmed. The accounts showed:—

Calls received 708 17 8

ground for the production of copper ore than at the 47, and at the 90 it was much better than in the shaft at the 62.

Mr. BENTINCK, M.P., assumed they were now entering the granife.
Capt. Cock replied that such was the case, and that the mine had never produced such stuff as it was producing at the present time.

Mr. Wilson thought there was no reason to doubt that they would have a good mine.
A SHAREHOLDER: saw no reason why it should not prove equal to East Caradon, for two years since the prospects of that properly were not equal to those of South Caradon Wheal Hooper.
Capt. Cock, in answer to a question, stated that they had about 120 fathoms run upon the lode before reaching the boundary.

Mr. Corres did not remember the mine ever looked so encouraging as at present. A SHAREHOLDER reminded the meeting that at the present time East Caradon was paying more for sinking the shaft than at South Caradon Wheal Hooper.

The CHARIMAN having congratulated the shareholders upon the improved prospects which their property presented.

The report was received and adopted, and the accounts passed and allowed.

A call of 3s. per share was made, when the proceedings terminated with a vote of thanks to the Chairman.

FOREIGN MINES.

ALTEN AND QUÆNANGEN	MIINE	55	Estimated	produce i	or June :-
Mines.		Ore.	Per	cent.	Copper.
Quænangen	. Tons	65	******	7	4.550
Raipas		20		5	1.000
Old Mine		145	*******	434	6.887
United Mines		8		5	0.400
Micheli's		2	******	5	0.100
Thomas's	****	2		7	0.140
		-			-
Total	Tone	949			19-077

yould. In my next I will fill up the plan, which will give the board a clear mportance and greatness of the mass of creatready discovered, and only time are wanted, as I have always from the commencement said the completion of

fast as we would. In my next I will fill up the plan, which will give the board a clear idea of the importance and greatness of the mass of ore already discovered, and only time and outlay are wanted, as I have always from the commencement said the completion of the deep adit would make this one of the most valuable mines in the country.—T. Roskrow.

Linkares.—July 20: West of Engine-Shaft, South Lode: The 95, west of engine-shaft, is worth ½ ton per fm.; lode very small at present. The last 3 wars in the 55 have been driven on the cross-course. The 61, east of Warne's shaft, is worth 1 ton per fin,: lode chiefly composed of quartz and lead ore. The 61, west of Warne's shaft, is worth 1 ton per fathom; lode declining in value, but letting down a considerable quantity of water. The lode in the 51, west of Montes' winze, is very small, and the ground hard for driving. The 41, west of Julian's winze, is worth ½ ton of ore per fm.; lode open and kindly, producing good lumps of lead.—East of Engine-Shaft: The 95, east of Garibaid's winze, is worth 3 tons per fm.; lode very large, chiefly composed of carbonate of lime, quartz, and lead ore. The 75, west of Taylor's cross-cut, is worth 2½ tons per fm.; lode similar to the one last named. The 73, east of Taylor's cross-cut, is worth 2 tons per fm.; lode similar to the one last named. The 73, east of Taylor's cross-cut, is worth 74, which is worth 2 tons per fm.; lode similar to the one last named. The 75, east of Carbonate of lime, quartz, this end is communicated with Davie's winze, and is opening splendid tribute ground. The cross-cut driving south in the 55 is getting into very hard, close grained granite.—North Lode: The 75, east of Gill's winze, is worth ½ ton per fm.; lode of fit. wide, and leady throughout. The 65, east of Damaso's winze, has declined in value very much of late. The 65, east of Gill's winze, is worth ½ ton per fm.; lode of fit. wide, and leady throughout. The 65, east of Damaso's winze, has declined in value very much of late. The 65 wate of Gil

the lode is very large, spotted with lead throughout. La Calle winze is worth 1 ton per fm.; tode small, compact, and very regular. San Francisco shaft is worth 1 ton per fathom.

FORTUNA.—July 20: Canada Incosa—West of Taylor's Engine-shaft: The 7th level, west of Gomez' winze, is worth 1½ ton per fathom; tode rich and compact. The ground in the 5th level, west of Formandez' winze, continues hard. We are pushing on the 5th level, east of Henty's shaft, to meet the one last named. The 4th level, west of Rendon's winze, is worth 1½ ton per fathom; lode rich and compact. We are pushing on the 5th level, east of Henty's shaft, to meet the one last named. The 4th level, west of Rendon's winze, is worth 1½ ton per fm.; lode looking very kindly. We have opened the south part of the 3d level, west of Judd's shaft, where the lode is large and open.—East of Taylor's Engine-shaft: The 4th level, east of Lownde's shaft, is worth ½ ton per fathom. The 5th level, west of ditto, is worth 1½ ton per fm.; this end is holed to Doniagre's winze. The 3d level, east of Carro's shaft, is worth 2t ons per fm. The ground in the 2d level, east of Bartolome's winze, is worth 1½ ton per fm.; The one unpredictive. Canton's sump-winze is worth 1 ton per fm.; ground still very wet.—Los Salidos Mine: The 5th level, east of Rancisch winze, is worth 1½ ton per fm. The elvan conras in the 5th level, east of engine-shaft, is hard for driving; lode unpredictive. Canton's sump-winze is worth 12 tons per fm. The 4th level, west of Cologan's shaft, is worth 1½ ton per fm.; The 3d level, east of San Miguel shaft, is driving through. The 3d level, east of San Miguel shaft, is worth 1½ ton per fm.; The 3d level, wast of San Miguel shaft, is worth 1½ ton per fm.; the lode is small and disarranged at this point. The lode in the 1st level, east of San Miguel shaft, is worth 1½ ton per fm.; the conditions of San Miguel shaft, is worth 1½ ton per fm.; the lode is small and disarranged at this point. The lode in the 1st level, east of San Miguel shaft, is w

is poor progress in clearing the 2d level, west of Beenix Aminor's shart.—Shafts and all vivil mines: Morrison segments that we will be proved in every hand for shifting. Discost Aminor's shart is holded to Ji being of the holds, in rather hand for shifting. For shart is a holded to Ji being of the holds, in rather hand for shifting. For shart is holded to Ji being of the holds, in rather hand for shifting. For shart is holded to the hist of the hold in the course of a few days. Monor witne is worth 1½ ton per fathom. So doubt, continues to the next level.

LURITARIAM.—July 25: Pathal Mine: The ground in the 40 cross-cut, as south of out aband, in surher handows than it has been. The ground in the 80 cross-cut, as south of out aband, in surher handows with the whole the shart is shart in the said of the shart in the said of the shart is shart in the said of the shart in the said of the shart is shart in the said of the said of the shart in the said of the shart is shart in the said of the said of the shart in the said of t

BOLIVAR MINING ASSOCIATION.—The payment of the closing dividend to the shareholders has been finally notified. The concern will cease to exist after Nov. 1.

Mining Correspondence.

BRITISH MINES.

ABERDOVEY.—A. Ede: The driving of the cross-cut, in the 42 fm. level, from the engine-shaft, to intersect the main and south lodes, is being proceeded with vigorously. The stope in the back of the 32, on the main lode, and north of the winze, is without alteration since last report. The stopes in the same level, south of the winze, are producing 1 ton of ore per fathem. The stope in the 12 is without change. We have this week commenced the shipment of a parcel of ore.

ALFRED CONSOLS.—W. Uren, T. Hosking, July 31: The main lode west of Davey's engine-shaft, in the 160, is 4 feet wide, spotted with ore; this lode in the 140, driving east of the above shaft, is 4 feet wide, worth 51, per fm.; this lode in the 140, driving east of the above shaft, is 3½ feet wide, producing stones of ore, but not to vaiue. The north part of the main lode, driving east of Roberta's stope, in this level, is rather disordered by a small cross branch; it is now 18 in, wide, worth 124, per fm. The mein lode in the 180, east of the above shaft, is 5 feet wide, worth 12, per fm. The mein lode with there; where cut into it is 1 foot wide, producing stones of ore. No lode discovered in either of our cross-cuts, north or south, in the 140. Roberta's stope, in the back of the 140, is worth 201, per fm. Hocking's stope is worth 121, per fm.; Fiyod's stope is worth 301, per fm.

ASIBURTON UNITED.—E. Harvey, Aug. 1: In consequence of the breaking of the engine-beam our underground operations have been seriously impeded for nearly four weeks, but we are happy to state that the mine is again in fork to the bottom, and the men resumed working their respective bargains and pitches. The new wheel and stamps will be erected and ready for working in about nine days. The late incessant rain has greatly assisted our stampling, which will enable us to send to market a good batch of the in about three weeks. Every operations being smartly pushed on.

BEDFORD CONSOLS.—Capt. Mitchell, Aug. 1: In the middle adit level the No. 1 south lode is about 10 in, wid

mentioned to the lab west, the same remark will apply to the look in the wince anking in this level, to the back of this level, are worth 25 tons per im. Weoleccek's clopes, to back of the lowest, are worth 25 tons per fin. There is no alteration in the 25 east of "I west. We weighted off at Morwellham on Friday the 26th inst., 703 tons 6 cwts., and sampled the property of the pr

CAMBORNE CONSOLS.—W. Roberts, July 31: In the 50 east, on the caunter, the lode is 1 ft. wide, producing stones of ore, and looking promising for intrher improvement. In the winze, sinking under the 33, the lode is nearly 1 ft. wide, producing ½ ton of ore per fathom.

CARADON CONSOLS.—W. Rich, July 31: There is no change to notice in the lode at Thomasine's shaft since last reported; it still shows a very promising appearance, and, on the whole, I think it carries a little more ore than when last taken down. The cross-cuts north and south are without any material alteration. We have been obliged to take the men from the winze during the past few days to assist at surface in making preparations to haul with the steam-whim; we hope to accomplish this work in a day or two, when the sinking of this winze will be resumed.

CARN CAMBORNE—W. Blahop, July 26: The engine-shaft is cleared, cased, divided, and ladders faxed complete to the 13. The whim is now drawing the stuff from the plat. We have seen the north lode, but cannot speak much of its character; as soon as the stuff is cleared we will examine it more minutely, and send you calli particulars. There is also a cross-cut south of the shaft, but is full of stuff; we shall at once clear this, and commence driving the same to cut the south or main lode; this lode at the addit level that we have just cut and opened on about 2 fms. is from 3 to 4 ft. wide, and is producing good stones of green carbonate of copper, spotted with yellow ore, altogether this, and commence driving the saurace about 2 cwts., much admired by every agent that has seen it. Our surface operations are progressing favourably, and, on the whole, our prospects are most cheering.

CATHEDRAL—J. Webb, July 31: I beg to forward you an account of the progress some good ore; we have a rock at surface about 20 fms. more to clear, which will occupy about four or six weeks. We have also collared up and timbered the engine-shaft together with a shed, miner, chests, wheelarows, and other things necessary to

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te mine, and their favour Hollow) was lough in one ent. In the refer to the fated. concurred in and practical open realised, g there were instance, the the 220, then ore continued ie idea of the tinued rich in which no one r's sale, occathat account. that account les was about to about 120%.

st all the inbefore deter-bargain could estionably, be priety of dis-

uspending un-for some time on with regard led in, and his opted, and the

above. The lode in the 60, west of the engine-shaft, is without change since our last report. The lode in the 60, cast of the engine-shaft, is yielding good stones of copper ore; this end is now coming into a new run of ore ground. The cross-cut at the 50, driving south, is progressing as fast as possible.—Trenow: We have drained the water to the 45; the sampmen are putting in ladder-road, and dividing the shaft. Next week we hated commencing a new cross-cut at the 45 south to cut the lode seen in the 25 for intend commencing a new cross-cut at the 45 south, east and west of the cross-cut, are looking very promising; the lodes is from 2 to 3 ft. wide, yielding some good black and yellow copper ore. The lode in the 25 cast, on the north lode, is much the same as last reported. Our sampling on Tuesday last was computed to be 114 tons, of average quality.

CLARA UNITED.—J. Lester, Aug. 1: I have set the following bargains:—The winze to sink below the 20 by six men, 4 fms. or the month out, at 6f, per fm. The 32 to drive west by four men, 3 fms. or the month, at 90s, per fm.; each end is worth quite 1 ton of lead ore per fathom. These bargains include wheeling and tramming stuff to shaft. I have dialled the mine all through, and will send you a plan in a few days.

COLLACOMBE.—Samuel Mitchell, July 30: During the last month the 105 has been driven west of the eastern winze 8 fms. 1 ft., and the lode continues without alteration: 2 fms. 4 ft. have been stoped in back of this (the 105) level, and the lode worth 2 tons of copper ore per fm. The western winze has been sunk 3 fms. 2 ft.; the lode is 6 ft. wide, composed of capel, quartz, and copper ore; 9 fms. have been stoped in back of this wide, composed of capel, quartz, and copper ore; 9 fms. have been stoped in back of this wide, composed of capel, quartz, and copper ore; 9 fms. have been stoped in back of this wide, or on the part of this mine.

CEOOKHAVEN.—I. Thomas, July 29: The communication between the 40 and the 96 will be completed much sconer than 1 expect

and the work is much recarded at present for want of air. The engine is working wary steadily, and the shaftwork in good order, and I consider, on the whole, we are progressing satisfactorily, and I am failly persuaded by pursuing the present course we shall have a good and valuable mine.

CROWLNM.—J. Roach, Aug. 1: The lode in the adit level, on south lode, is 3 ft. wide consisting of quartz, clay, and patches of gritstone, occasionally spotted with lead ore; it has a kindly appearance, and it is my opinion that it will soon lead to a deposit of lead ore. DEVON AND CORNWALL UNITED.—T. Neill, July 39: In the middle level crossent I believe we have just intersected the north wall of the lode, which so far as seen produces capel and stones of ore; size, &c., not yet ascortained. At William and Mary, in the 10, east of engine-shaft, the lode is looking more promising than for some time past. We are engaged about the line of rods, which shall got on with as fast as possible. DRAKE WALLS.—T. Gregory, Aug. 1: In the 102, east of Mathew's shaft, and east of the cross-course, the branches are producing stones of tin, and more promising. In the 79e east the branches are producing good work for tin. The branches in the 50e, west of Betteley's shaft, are producing good stones of tin. In the 70, west of Brenton's shaft, the producing stones of with a state of the cross-course of Brenton's shaft, the branches are producing some good work for tin, and opening proflately ground for stopes.

The branches in the 80, west of Betteley's shaft, the branches are producing some good work for tin, and producing some good work for tin, and the ground has maker important work. The branches are producing some good work for tin, and the ground has maker important work we have put out a cross-cut south, and have intersected some good branches of tin. It appears the 40 was not driven on the main tin branches, and we have no doubt of laying open some valuable tin, and the ground has maker important work. No change to notice in any other par

ther parts of the cross-cut, the lode is yielding 1½ ton or ore per init.

The parts of the mine.

EAST DEVON GREAT CONSOLS.—T. Richards, July 30: In the engine-shaft we have 2 fms. more to sink previous to commencing a 52 fm. level; the ground is very easy for progress, and highly congenial for mineral, producing more green oxide of copper than for some time past. In the 40 west the lode shows a little change, producing more prian and mundic than before seen in the drivage, and still contains a little copper ore; the ground is easy for driving, and water issuing from the lode freely. No change to notice in the cross-cut south.

the ground is easy for driving, and water issuing from increased the cross-cut south.

EAST FOWEY.—M. Barbery, July 31: Our pay and setting-day being last Saturday, 1 set the sinking of the engine-shaft to nine men, 4 fms. stent, or the month out, at 9!, per fm., the company to pay for drawing and isnding the stuff. The shaft is now down 15 fms. 1 ft. 2 in., and if the ground continues as favourable, with no further increase of water, I hope to reach the 20 by the end of August. The machinery was sately landed at Lostwithiel Quay, and some parts of it are now on the mine. It would be advisable to seek an engineer to superintend its erection, or to furnish me with draw-iness. Surface operations are proceeding favourably.

crease of water, I hope to reach the 20 by the end of August. The machinery was safely landed at Lots withiel (quay, and some parts of it are now on the mine. It would be advisable to seek an engineer to superintend its erection, or to furnish me with drawings. Surface operations are proceeding favourably.

EAST GUNNIS LAKE AND SOUTH BEDFORD.—J. Phillips, Aug. 1: The 36 end east continues to look well, now worth 4 tons per fm. No. 3 winze, behind this end, is worth 3 tons per fm., with every appearance of further improvement. In No. 3 winze, and stopes the lode is not looking quites ow well as last reported, but by all appearances we have every reason to expect a speedy improvement; the ground is much the same in the 36 cross-cut south. No alteration in the 24 end east. The lode in the deep additend east 2 ft. wide, composed of peach, spar, mundie, and rich stones of ore, a very promising lode. We are still sinking between the two lodes at Gard's shaft. We are through the capels in the cross-cut at the shallow adit east, and have every reason to believe that the main part of the lode is still further north.

EAST ROSEWARNE.—J. James, July 27: The ground in the 55 cross-cut is without change to notice; we expect to cut the lode shortly. In the 43 east the lode is about 8 in. wide, composed of quartz, mundic, lead, and worth about 122, per fm. for copper; the ground is easy for driving, and congenial for copper. No change in the 22 cross-cut. King's shaft is about complete to the 22, on the north lode; we intend sinking this shaft with all possible speed, as the 43 west is closely approaching this point No change to notice in any other of our operations.

EAST TREFUSIS.—John Pope, Aug. 1: In the 58, east of cross-cut, on Trelawny's lode, the lode is 2 feet wide, producing a little copper ore, but not enough to value. In the 34, east of cross-cut, on Trelawny's lode, the lode is 18 in. wide, composed of copper, beach, and spots of copper ore. In Trelawny's flat-rod shaft, sinking below the deep addit, the lode is

and is of a most promising character; little has been done on it towards development. A shaft is being sunk with the intention of communicating with the deep adit; about 20 fathoms below the surface a lode has been met with, about 18 Inches wide, composed of a beautiful gossan, black and yellow copper, and, from appearances, I am of opinion they are near to a great deposit of ore; this lode has made many rich deposits of ore in the mines further west. I have not the least doubt as soon as this mine is developed it will prove equally remunerative to the proprietors, as many of the mines have done in this once celebrated district—Great Wheal Towan, Wheal Music, United

which has reached a lode about 16 inches wide, producing good copper ores, blends, &c., and is of a mest promising character; illtie has been done on it towards development.

A shaft is being sunk with the intention of communicating with the deep adit; about 20 fathoms below the surfaces a lode has been met with, about 15 inches wide, composed of a beautiful gossan, biaces a lode has been met with, about 15 inches wide, composed of a beautiful gossan, biaces and yellow copper, and, from appearances, 1 am of opinion they are near to a great deposit of over; this lode has made many rich deposits of the proprietors, as many of the mines have done in this once celebrated district—Great Wheal Towan, Wheal Music, United Hills, &c.

EAST WHEAL FALMOUTH.—Wm. Hancock, July 30: The new engine-shaft is aplice; it is now? 12 in. wide, composed of flooks, capel, from, and tin, not enough of the labourers and horses for filling, landing, and drawing the water and stuff to be pall by the adventurers. No change to notice in any other part of the mine.

EAST WHEAL GRENVILLE.—G. R. Odgers, W. Bennetts, July 27: We have now completed the fixing of the standing 110 and the proposed of the sanding 110 and the proposed o

nes of ore. The lode in the 88 east is 2 ft. wide, composed of capels, quartz, prian, and ore, worth of the latter 1½ ton per fm.; the lode, although fallen off in value, addy appearance to improve. There is little or no change in the 66 fathom level

is a kindly appearance to improve. There is necessary at since last reported on.

at since last reported on.

EXMOUTH.—J. P. Nicholls, J. Nicholls, July 30: The stope in back of the 72 north producing ½ ton of lead ore per fm. We have again pricked into the lode in the winze bottom of the 60, and find it looking equally as good as last reported. The 60 north without alteration to remark on since last report. The same remark applies to all without alteration to remark on since last report.

is without alteration to remark on since last report. The same remark appures to an the other tutwork burgains.

FOWEY AND PAR UNITED.—J.Tredinnick, July 30: The engine-house is up, covered in, and ready to receive engine. The masons are getting on with bolier-house, bob-pit, and stack as quick as possible. Very little has been done in the cross-cut north lately, in consequence of the air being bad. The engine-shaft is down 5 fms. 3 ft. below the adit—sinking by twelve men and three boys; the ground is savourable for sinking, and most congenial for tim. We have driven on a lode in the adit in the south hill, which is about 3½ feet wide, producing some good tin work, and on the north part beautiful spots of yellow and gray copper ore. We expect to reach Colman's lode in about 15 fms. more sinking, which was a fine and timy lode in the adit. The shaft will be continued to cut the south lodes which pass through, which are of a very fine character, and underlying towards the shaft; one of them is the lode alluded to above, which will be cut at about 60 fathoms.

years which was a fine and tisny lode in the soilt. The shart will be continued to cut the south lodes which pass through, which are of a very fine character, and underlying towards the shart; one of them is the lode alluded to above, which will be cut at about 60 fathoms.

Fig. ANK MILLS.—J. P. Nickolls, J. Cornish, July 31: The 84 north has now reached the slide seen in the levels above, and the end is in ligha killas. We shall, no doubt, have to drive a few fathoms here before we again meet with a settled lode. Since our last report we have intersected several branches containing lead ore in the 60 cross-out west, and the last that we have gone through, which was intersected yesterday, is of some importance, being 18 in. wide, and will yield 4 cwts. of lead ore per fathom. The ground is still presenting a first-class appearance, and we think there is more lode yet in advances. There is no change in the 72 north to remark. We are putting up a rise in the back of the 60, north of the slide; the lode here will yield 7 cwts, of lead ore per fathom, and it looks well for improvement. The various stopes are much as they have been for some time past, and we are making satisfactory progress with our wide stull in the 45. All other operations are progressing favourably.

G. WTON.—G. Rowa, July 37: The lode in the 30 west is laid open 5 ft. wide, and not yet cut through, and is protteing good stones of ore, and letting out a considerable quantity of increased water. The lode in the 50 west is 2½ ft. wide, principally composed to quartz, munde, flootan, and in places a little ore. The stopes in back for the substitute that the syledding 2½ kms of good quality or per fm. The rithute departed the substitute that yet all the substitute that the substitute of the substitute that the subs

last week; the leader part is 18 inches wide, composed of quartz, mundic, little prian, and fine stones of yellow copper ore. There is more water issuing from the end, which seems to indicate a porous lode ahead. There will be a fine pile of orey work hauled to surface to-day.

GREAT TYWARNHALE.—J. Hampton, July 31: The plunger-pole in the 70 is working well, and that level is dry. By the latter end of the week we expect to put the drawing-lift to work, after which we do not contemplate long before we shall be in the 80. Some of the pitches in the 70 are improved. We are making good progress in cutting down Johns's shaft. The same remark applies to building the second pumping-engine house, and everything looks very well.

GREAT WEST SETON.—H. Cowling, July 30: We are still working on the main lode in the bottom of the adit; the lode is 4 ft. wide, composed of sugary quartz, blende, mundle, and spois of copper ore; this lode going down has such a kindly appearance that I am daily expecting to have a good lode of ore. I think no time should be lost the erecting the steam-power to fork the water to see this lode in the bottom of the shaft, which is so much talked about by the old miners who worked there 40 years back. They say that they cut more that 5 ft. into the lode, but did not reach the south wall. The part they cut into is composed of sugary spar and yellow copper ore. They tell me this was all that was done at that level by the former workers, which is 13 fms below the adilt level. There are three lodes to the north of this, which will come in to advantage at a deeper level. There is also a very large lode south of the same, full 3 ft. wide.

GREAT WHEAL BUSY.—J. Delbridge, J. Bryant, J. Petherick, July 27: In the 110, east of offord's, the lode is 4½ ft. wide, worth for tin 10, per fm. In the 120, east of Grond's, the lode is disordered by the elvans. In No. 1 winze, east of ditto, the lode is yielding 10 tons per fm. In the 20 kinds of the significant of the polymer of the significant of the significant

the cruher will be on the ground, when no time will be loss in erecting the manner quickly as possible.

— Aug. 1: We have a decided improvement in the 20, westfrom Thomas's shaft. In cross-catting north through the lode upwards of \$\delta\$ ft., and not yet through it, we have intersected a leader that will yield about \$4\$ tons of moderate quality ore per fine. Part of the crasher has arrived on the mine to-day; it is a first-rate article.

GWYDYIR PARK CONSOLS.—Capt. Smyth, Aug. 1: We have set the deep adit to drive again by six men, at \$6.5s, per fin., stented 2 fms. We have not taken down any lode this week, but shall do so next.

HARWOOD.—J. Race, July 27: We have had good ore this week in the cross-vein. In taking down the side of the drift we broke solid pieces of lead ore from \$4\$ to 6 stones weight. We are likely to raise a good quantity of ore here, and if we should have an intersection from the east, I have no doubt of a rich mine. We have about 6 tons of ore ready to dress.

ready to dress,

HAWKMOOR.—J. Richards, J. T. Phillips, July 30: The lode in the 25, east of Rowe's disc, continues a good lode, worth 3 tons of copper ore per fm. We are repairing the pulleys and stands, and sundry other things at surface during the stoppage of the castern wheel. We weighed at Calstock on Friday last 35 tons of copper ore.

HINGSTON DOWN CONSOLS.—T. Richards, July 31: The ground in the 120 west is become more granific, and easier of progress. The 100 west is improved; the part of the lode carried will produce 5 tons of ore per fm. There is no change in any other part

of the mine.

HUCK WORTHY BRIDGE.—J. H. Rodda, July 31: The lode in Hitchins's engine-

In the 25 east the lode is r

lode was first discovered on the parish road it was only 1 in. wide, and it is now 4 in. at the bottom of the adit, and we have every hope that an improvement will take place in sinking below the bed of the river (say about 6 fms.), which, in my opinion, would prove by this small outlay, the true character of the lode; and should it, as I expect, increase in thickness, we shall have from the proposed winze faily 200 fms. of driving northwards and stoping ground of the depth of the sinking (say 6 fms. deep by 200 fms. in length), at 1 ton of lead ore per fm., will produce 1200 tons of ore, at 131, per ton, which will amount to 18,500?. A windlass will suffice to carry out the proposed winze; a plat is cut already, and we have only to remove the tackle from the top of air shaft and commence at once. There appears good stoping ground above the present driving, which worked by two miners.

LOWER FARK.—W. Davies, July 31: The ground in the 20, at Paddock's shaft, is improving; there are some spots of ore in the joint. The shaft at the back of the office is going on very fast. We expect to get through to the top of the sump this week, when we shall be able to clear out the old samp, and we expect to find ore in the bottom. The cross-cut aouth from the west shaft is without alteration.

MAUDLIN.—W. Tregay, J. Tregay, July 27: South Mine: The lode in the rise in back of the adit is 3 ft. wide, principally mundic, with spots of ore. In consequence of so much rain, the wheel has been set to work. We are pumping to-day, which will be continued while the surface water is sufficient to give us any chance of forking.

MOLLAND.—T. Bennetts, July 30: The lode in the 32 east is much the same as last week, producing 1 ton of ore per fathom; the ground is a little harder than last month; set to six men, 2 ms., at 4t. 10s. per fm. In the 20 east, the branch referred to immy last is to all appearance the main part of the lode; it is now 1½ ft. wide, producing stones of ore, the ground is getting stiffer than last month; set to six

eletely in the granite, and presents a very promising appearance; it is $2\frac{1}{2}$ ft. wide, and of spar and good stones of grey ore. No alteration to notice in any other part

composed of injure and good stones of grey ore. No alteration to notice in any other part of copper and times boys, at 71. per fm.; the lode in this end is from 10 to 12 in, wide, rich stones of copper and time boys, at 71. per fm.; the lode in this copper and times boys, at 71. per fm.; the lode in this copper and the part of the 10 to 10

STREET, THE PARTY

air-shaft previously referred to, pending orders to proceed with one or the other of the objects in contemplation. The pitches are looking as well as for some time past; the sense employed in them are getting wages, and it think several others might do the same if they would be induced to speculate through a little blank ground. The stamps are now more expect largely for the next sale, but the heavy rain we have interesses the surface water; we shall in future work six heads whenever it may be possible. I hope no time will be lost in proceeding with the sinking, &c., in order that we may the sooner be in possession of the extended tin ground, offering by appearances in the bottom of the 20. POLHIGEN MOOR.—S. Bennetts, July 30: Traffry's shaft has been sunk 10 to 11 ft. through ground probably somewhat harder than was at first anticipated. The breakage of the winbore, in addition to the quantity of falling water, has considerably delayed the sinking, and although we frequently conduct most the water down in pipes, yet the stones from the blasting are constantly interfering with it; these things will, of course, the remedies as soon as we get down to fix the first lift. The price for sinking in June month was 20. per fathour; the present price 27. 10. The south shaft has been sunk to tall the stone of the stone

sink the new shaft from the surface. From present appearance we shall work at a profit this month.

SCHULL BAY.—W. Thomas, July 27: I have just set the following bargains:—Six shaltmen to fix bearers, eletern, and lift, and clear all the staff in the shaft: imp bargain for 5i. 5s. The stope west of No. 4 winze, 16 fm. level, to six men, at 5i. per fm. The bargain for cutting plate in the 16, west of engine-shaft, to six men, is not completed. A pile of staff to clear on the south part of Thomas's lode, to four men, lump bargain, for 2i. 2s. Two men are cutting hitches in No. 3 shaft. The stope west of No. 4 winze, in the 16, is producing fine stones of ore; and also the stope on the south part of Thomas's lode. We are busy crushing ore, and hope to have the cargo ready by the time the vessel arrives.

vessel arrives.

SCORRIER CONSOLS.—J. W. Crase, T. White, July 30: The engineers are putting in the engine as fast as practicable, and I think will have it in readiness quite as early as we shall require it; the water in the engine-shaft being very easy indeed. No. 2 lode, in the 18, driving east of shaft, is looking well, and opening good ground. No other change since last report.

in the engine as fast as practicable, and I think will have it in readiness quite as early as we shall require it; the water in the engine-shaft being very easy indeed. No 2 lode, in the 18, driving east of shaft, is looking weil, and opening good ground. No other change since last report.

SORTRIDGE CONSOLS.—R. Jackson, Aug. 1: In the 62 west the lode is 2 ft. wide, rieiding a little ore. In Collom's rise, in the back of the 50, on the north part of the main lode, the lode is worth 1 ton of ore per fathom. In Mayn's rise, in the back of the 50, on the south part of the main lode, the lode is worth 1 ton of ore per fathom. In the 50, driving south, west of Crew's cross-cut, and west of the eastern cross-course, no lode has been met with. In the 40, east of Head's rise, on the south part of the main lode, the lode is worth 1 ton of ore per fathom. No. 2 South Lode: In the 50 west the lode is small and unproductive. In Binnehmard's stopes, in the bottom of the 40, the lode is worth 1 ton of ore per fathom. In Rowe's stopes, in the bottom of the 40, the lode is worth 2 tons of ore per fathom. In Rowe's stopes, in the bottom of the 40, the lode is worth 2 tons of ore per fathom. In Rowe's stopes, in the back of the 30, the lode is worth for 9 feet long 151, per fathom. There is no change to notice in any other part of the mine.

SOUTH CRENYER.—E. Chegwin, July 30: In the flat-rod shaft, sinking below the 105, the lode is 1½ ft. wide, producing good stones of copper ore. No lode taken down in the 105 east for the week.—South Mine: In the 51, east of cross-cut, the lode is 3 ft. wide, producing stones of tin, mandic, and spots of copper ore. In the 51, west of cross-cut, the lode is 1½ ft. wide, producing stones of tin and a little copper ore. South DARREN,—J. Boundy, July 30: Staturday last being our pay and setting-day, the following bargains and tribute pitches were let:—The engine-shaft is down in the 105 east for the week.—South Mine: In the 51, east of cross-cut, the lode is 3 fe. wide, producing stones of tin,

ing good stones of grey ore. This, increase of water is caused by the late heavy floods, and should dry weather set in the sinking will be resumed. The men are now employed driving east and stoping the back of the adit. In the 50 cross-cut north the ground is still hard for driving.

SOUTH WHEAL BETSY.—W. Stephens, July 30: The end driving south of Ley's shaft is composed of capels and spar, with spots of copper ore in the capels. The end driving north is composed chiefly of capels.

ST. IVES WHEAL ALLEN.—H. Taylor, Aug. 1: Roderick's Lode: The engineshaft is suk about 4½ fathoms below the 10, in which the lode looks much the same as when last reported. The 20, east of Louisa's lode, is worth about 31, per fathom. Glesier's Lode: In the 30, enat of the flat-rod shaft, the lode is 20 in. wide, and worth 201, per fathom. The lode in the stopes in the bottom of the 50 east is 3 feet wide, and worth 201, per fathom. The lode in the stopes in the bottom of the 50 east is 3 feet wide, and worth 202, per fathom. The lode in the stopes in the bottom of the 50 east is 3 feet wide, and worth 201, per fathom. The lode in the stopes in the bottom of the 50 east is 3 feet wide, and worth 30, per fathom. The lode in the stopes in the botk of the 50 west is 2 feet wide, and worth 32, per fathom. The lode in the stopes in the bock of the 50 west is 2 feet wide, and worth 32, per fathom. The lode in the 252 south is 25 feet wide, and worth 32, per fathom, and per seed the stopes in the back of the 50 east is 3 feet wide, and worth 34, per fathom, and per seed the stopes in the back of the 255 south is 25 ft. wide, and will produce 6 ewts. of lead per fm. the stopes in the bottom of this since my last report, but we hope to communicate it with the 237 by the end of this week. The stopes in the back of the 255 will is 21, south since and per fm. The four stopes in the back of this level will yield as follows:—No. 1, 12 cwts.; No. 2, 13 cwts.; No. 3, 10 cwts.; No.

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TRELOWETH.—T. Richards, July 27; The lode at the engine-shait, sinking below

the 134, is worth 12f, per fin.. The shall is now below the level 7½ (nm., and we col25f, per fin.; this col is 11½ (nm. cast of clasts.). The 13et cut is wort of shall 10 fins.; if
13f, per fin.; this col is 11½ (nm. cast of clasts.). The 13et cut is wort of shall 10 fins.; if
13et cold 10½ (nm. cast of shall.). The 13et cut is worth 20 fin. cut is the 13et with 10 fins.; if
14et coll 10½ (nm. cast of shall.). The 13et winns in 2 fins. 3 ft. 6 lin. under the 13et winns in 2 fins. 3 ft. 6 lin. under the 13et coll 10½ (nm. cast of shall.). The 13et coll 10½ (nm. cast of shall.) The 13et coll 10½

get in over Hooper's rise, if the cross-course take its regainr run or course, as we have seen it in other parts of the mine; the lode in this end is 3 ft. wide, yielding stones of ore; driving by six men, at 4i. 10s. per fin. We weighed at Calstock Quay, on Thursday last, 3i tons 15 ewis. of copper ore.

WHEAL CONCRD.—H. Luke, July 27: The lode in the eastern level is tooking very well. We have already to surface full 1½ ton of ore, that will produce 75 per cent. of lead, which will treble the amount of cost of driving the level; I am pushing on this level with all possible speed.

— July 30: The lode in the eastern level is atill yielding plenty of lead, in the last depth—not more than 6 fathoms from surface. From the richness of the capels, and the continued splices of lead making in the lode, we may reasonably infer that we are on the top of a course of lead.

WHEAL CREBOR.—Capt. Gifford, Aug. 1: In the 60 east the lode is 2 ft. wide, and very propearance of a further improvement. In the 60 west there is no alteration; ground is hard. In the 48 west, on the north lode, we are driving by the side of the lode; we shall take it down in the latter part of this or the beginning of next week; when taken down last it yielded some good work for copper ore, and we are daily cutting more water in the end.

WHEAL EDWARD.—M. H. East, July 27: In the 71 west the lode is worth 4 tons of ore per fathom. In the 61 west 2 tons per fm.; we have commenced a now winze below this level in a good lode of ore, and will report its value next week, as by the end of the week we shall see the lode a faw feet below the level. In the 50 west the lode is worth from 3 to 4 tons of ore per fm. In the 40 east the lode is worth 2 tons of ore per fathom. In the 61 west 2 tons per fm.; we have commenced a now winze a below this level in a good lode of ore, and will report its value next week, as by the end of the week we shall see the lode a faw feet below the level. In the 50 west the lode is worth from 3 to 4 tons of ore per fm. In the 40 e

sink by nino men, at 30f. per fathom; lode 18 in, wide, composed of quartz, with pellow one. We think there is sensibler part standing to the south, which we shall prove shortfy. The 100 state four man, at 31 ft. per fathom; lode about 18 in, wide, composed of quartz, for penning tribute ground. The first short he so east to four men, at 10f, per fathom; object to the control of the standing tribute ground. The first own of the standing tribute ground is a standing to the standing tribute ground. The 90 west to two men, at 81, 10s, per state we will be standing to the standing tribute ground. The 90 erose acts to state men, at 10f, per fathom, which we intend to peak no an vigorously as possible.

**The 100 west to two men, at 61, 10s, per fathom; lode 10 in, wide, composed of quartz, with maleside copper. The 100 erose acts to state men, at 10f, per fathom, which we intend to peak no an vigorously as possible.

**The 105 west to two men, at 62, 10s, per fathom; lode 10 in, wide, composed of the 10 standing trib at 10 standing erose and the control of the 10 standing erose and 10 stand

EDICT, on July 3, after a few days' illness, at Crellow House, Stithians, Cornwall, Capt. William Martix, aged 72, during nearly 50 years of which he successfully filled the situation of mine agent and manager of extensive mines. From boyhood he showed ananxious desire to be brought up a miner in preference to any other pursuit, and to be employed on some kind of work rather than going to school, which he left one day and went to a mine, got work, and then told his parents what he had done. He went on step by step, doing the work of a miner, including that of a barrow-boy and tributer. Whilst in the former capacity, and employed in the Tresavean Mine, in the 96 fm. level, on the old lode, convenience obliged him to rest his barrow at a point in the said level near to a winze sunk to the 110, which was the deepest part of the mine, and from poverty the mine was soon after stopped. At this place he saw a part of the ided en the south or hanging wall, which he even then believed to be the mine part, containing some rich ore; and its appearance was so peculiarly striking to him, that it coccupied a pince in his memory for many years—indeed, until he became applied with means to prove the value of an opinion imbibed by so young a miner. As a tributer he was very successful, and this was the means of bringing him to see the utility of taking up his book and pen, which he did by applying the hours available to that purpose, and for a solf-taught man might have been called a geed scholar. About the year 1812 he was first appointed captain of a lead mine to the north of Bodmin, and in 1817 he anpiled for, and obtained, the sett of Tresavena, and was appointed the lord's agent. He commenced to work on a south lode, which soon gave a profit; and when the proper time came he recommended the draining of the old mine. After great opposition he succeeded, and when it was effected he at once adopted the course which would prove in the shortest possible time if what he saw and believed when a barrow-boy were correct—it proved s Diet, on July 3, after a few days' illness, at Crellow House, Stithians,

COAL IN AUSTRALIA .- At the Australian Agricultural Company annual COAL IN AUSTRALIA.—At the Australian Agricultural Company annual meeting, on Tuesday, it was stated that the revenue of the ceiliery had been fully maintained. The coal raised has increased by 4016 tons, while the profit per ten has only slightly declined—from 4s. 4d. to 4s. 2½d. This result is generally satisfactory, since the coiliery in 1860 was worked under many disadvantages, from increased expenses, repairs, purchase of stock, slackness of trade in a portion of the year, commercial difficulties of unusual severity, and, hastly, a combination among the miners not to work after a sum of 11s. 4d. daily has been realised, although an ordinary miner can easily gain 18s. A material augmentation has taken place in the demand for this company's ceal for foreign ports, the quantity shipped in 1860 being 23,171 tons against 13,240 in 1859. During the first quarter of 1861 a marked improvement is shown in the general coal trade of the company, but probably in some degree from exceptional causes.

ompany, but probably in some degree from exceptional causes.

M. Boussingault has discovered traces of nitrogen, 1-10,000th part, in mass of meteoric from which fell at Lenartho, in Hungary. Nitrogen should, therefore, be added to the list of substances found in aerolites or meteoric stones.

THAMES TUNNEL COMPANY.—Receipts for the week ending July 27, 27, 28, 26, 27, a. Tunyber of passaggers, 1927.

81.0s. 7d.; number of passengers, 13,937.

LONDON GENERAL OMNIBUS COMPANY.—The traffic receipts for the

cek ending July 28 was 12,521/. 4s. 3d HOLLOWAY'S OINTMENT AND PILLS-BE PREPARED,-In Great Bri-

Indicionary S Chymers and Principle Pher Parity, —In Great Diri-tain one-third of all our deaths is caused by coasumption. It usually makes its attack between the ages of sixteen and thirty, and is ushered in by debility, dry cough, and other unmistakeable signs, which could be and should be immediately removed by rub-bing this celebrated ointment upon the back and chest. This friction must be brisk and repeated regularly night and morning, and two of Holloway's purifying pills should be taken at bed time, as an alternative, to mittigate the cough and ever. The early employ-ment of this treatment is of the most momentous importance, whether to prevent the fatal disease or to direct it, when developed, to a safe and favourable issue,

The Mining Market; Prices of Metals, Gres, &c.

ME	TAL MARKET-LONDON, August 2, 1861.
COPPER. £ s. d. Best selectedp. ton 96 0 0- — Tough cake 93 0 0- —	Sheets
Tile	Tubes 101,-101/4d.
Copper wirep. ib. 0 1 0 ditto tubes 0 1 0%	Swedish, in kegs (rolled) 15 10 0- — (hammered). 16 0 0-16 10 0
Bheathing & bolts 0 0 10½ - — Bottoms 0 0 11½ - — Old (Exchange) 0 0 9 - —	Ditto, in faggots 16 10 0-19 0 0 English, Spring 18 0 0-23 0 0 Bessemer's, Engineers Tool 44 0 0
Bars, Weish, in London. 6 5 0-	QUICESILVER 7 0 0 p. bottle
Ditto, to arrive 5 17 6- — Nail rods 7 0 0- — Stafford, in London 7 0 0- —	Foreign 16 5 0-16 7 6 To arrive 16 10 0-16 15 0
Bars ditto 7 10 0-8 0 0 Hoops ditto 8 10 0 Sheets, single 9 0 0-9 10 0	In sheets 22 0 0
Pig, No. 1, in Wales 3 0 0-4 0 0 Refined metal, ditto 4 0 0-5 0 0	English, blocks117 0 0
Bars, common, ditto 5 0 0- — Ditto, merchant, in Tees 6 10 0- — Ditto, railway, in Wales 5 0 0- 5 2 6	Ditto, Refined119 0 0- — Banca115 0 0-(Nom.)
Ditto, Swed. in London. 10 10 0-11 0 0 To arrive 10 0 0-11 0 0	Straits
Pig, No. 1, in Clyde 2 8 - 2 10 0 Ditto, f.o. b. in Tees Ditto, forge, f.o. b. in Tees	IC Charcoal, 1st qua. p. bx. 1 8 0-1 9 0 IX Ditto 1st quality , 1 14 0-1 15 0 IC Ditto 2d quality , 1 4 6-1 6 6
Staffordshire Forge Pig. 3 10 0-3 12 6 Weish Forge Pig	IX Ditto 2d quality ,, 1 11 0-1 13 0 IC Coke ,, 1 2 0-1 2 6
English Pig 19 0 0-21 0 0	IX Ditto, 1 8 0-1 9 0 Canada platesp. ton 12 10 0-13 0 0 In London; 20s. less at the works.
Ditto sheet	Yellow Metal Sheathing . p. lb. 81/4d9d
Ditto patent shot 23 0 0-24 0 0 Spanish	Indian Charcoal Pigs 6 12 6- 6 15 0

REMARKS.-The last week or two our market has exhibited some sign of animation, and a considerable amount of businesss has been transacted as yet, however, it is principally speculative, and may be soon exhausted nevertheless, prices are so extremely low, that any improved demand will probably enable holders to obtain an advance, but whether enhanced rate can be maintained for any length of time appears still very doubtful-holders are, of course, anxious to recover in some measure their late losses holders are, of course, anxious to recover in some measure their late losses, and for which purpose they assume an air of firmness; at the same time, there are many who would gladly realise at once if our market were likely again to relapse into its recent state of depression, and really in the present uncertain aspect of political and commercial affairs, "a nimble nine-pence seems preferable to a long shilling." Buyers must act cautiously, and sellers should not be overreaching; the fact of large stocks existing everywhere, which will take considerable time before they are consumed, or even reduced, must exercise an unfavourable influence. After the excitement of a speculative feeling has subsided, instead of having a steady and firmer market, there may be even a further depreciation in value than hitherto. The reduction in the Bank rate of interest will, of course, materially assist speculators; and now that there is a disposition to operate, we hope the course of events will lead to a satisfactory result.

Copper.—Owing to numerous purchases, amounting to many hundred

* At the works, 1s. to 1s. 6d. per box less.

COPPER.—Owing to numerous purchases, amounting to many hundred tons, sellers have realised at least 2½ per cent. above the minimum. The market is not yet equal to fixed rates, although a slight concession only could be obtained. The stocks of this metal, especially in foreign, such as Chili, Australian, and Baltimore, are very large, and we fear some time must elapse before any sensible impression will be made. The principal feature in its favour is that prices are lower now than for more than 10 years since, and consequently much below the average.

IRON.—In rails some of the works are without orders altogether, and it is quite the exception for ironmasters to be busy in this most important

is quite the exception for ironwards are without orders anogener, and it is quite the exception for ironmasters to be busy in this most important branch of manufacture. Merchant bars have continued in fair demand, and prices remain unaltered. Staffordshire are only in moderate request. Swedish bars are to bought at 10l. per ton, ex ship. Fine Indian assortments in some instances have commanded 5s. per ton more. Scotch pigs have improved; mixed numbers, 51s. 9d., cash. No. 1 shipping brands have been sold at lower prices.

have been sold at lower prices.

Lead.—No new feature has occurred to alter the position of either English or foreign. Spanish (silver) sold at 18\(\ell\). English, ordinary soft, at 19\(\ell\). LB and C, 19\(\ell\). 10s.; WB, 21\(\ell\). 5s. to 21\(\ell\). 10s. The demand for all binds in the lighting.

Spelter.—The advices from Calcutta are a shade better, and severa purchases made for this port, notwithstanding the large quantity already out there. A speculative demand had has also existed, and both springing up together has enabled holders to obtain a rise of 15s. to 20s. per ton, business being reported at 181 10s. siena which 182 up together has enabled holders to obtain a rise of 15s, to 20s, per ton, business being reported at 16l. 10s., since which 16l. 5s., and 16l. 7s. 6d. have been accepted. Probably for a time the highest price has been realised, and the market will again flatten. Shipments will now be taking place more freely from Stettin and Hambro', and sales more eagerly pressed, so that the present stock here of about 5000 tons may increase by this time next month, in which case the tendency of prices may be materially affected. The stock is much too large for safe speculation, and if holders only show a weak point the market would again rapidly decline.

Tin.—The market is dull, and quotations are easy. At present there is very little disposition to speculate, and until the American difficulties are settled prices are likely to assume a downward tendency.

Tin-Plates.—The prices of these commodities are unvaried; market very dull, at former rates.

Steel.—Swedish keg, business reported at 14l. 10s.

Quicksilver.—7l. per bottle still quoted.

NEW YORK, JULY 16 .- A more assured and hopeful feeling is noticeable in business circles. A confidence is felt that the rebellion is checked effectually, and that a gradual recovery in trade will soon be manifest. Legislation, administration, and the people are practically in unity in opiaccine and action, and our Government was never so strong as at present, consequently all classes of business and financial men feel more certain of present and future stability, and are beginning to act with security and confidence. Money is becoming easier of access to the borrowers, our bank deposits are augmenting, and Government outlays are finding their way into general circulation.

Copper: Lake Superior ingot is somewhat neglected, and prices droop at 17½ c. There are, however, large orders on the market of a speculative character, at prices below the

Copper: Lake Superior ingot is somewhat neglected, and prices droop at 17% c. There are, however, large orders on the market of a speculative character, at prices below the views of holders. The supply reaches us very freely, but the low prices are beginning to attract the attention of domestic consumers, who are likely soon to buy very heavily in anticipation of their autumn and winter wants. Sheathing and yellow metal, no change. The Californian mines, said to produce ore nearly as rich as the native coppers of Lake Superior, are now shipping their produce; one large shipment is on its way to Boston. Iron: Scotch pig nominal at 21 c., cash, but holders firm. Bars no demand whatever. Rails, most of the stocks here are reported to have passed into consumers' bands. American rails on contract obtainable at works at \$36 to \$40, cash; last sale of Welsh rail.

a small lot, was sold at \$\$1, cash. The proposed reduction in the iron duties will hard pass, owing to the opposition from Pennsylvania; it gives considerable check at present on in the iron duties will hardly

pass, owing to the opposition from Pennsylvania; it gives considerable check at present or transactions in bars.

Spelter: Some enquiry results from the proposed increase in the duties; it is still behalmable at 4½ c. to 4½ c., cash, per bl., but likely to advance ½ c. per bl. The Lebigh zine mines are beginning to produce spelter plentifully, which is as much liked as he Vieille Montagne; it sells at 4½ c. to 4½ c., cash, per lb.

Tin: The proposed 5 per cent. duty caused some action, and about 800 pigs changed ands at 23½ c. to 24 c. for Straits, and 26 c., cash, for Banca; market closing at 25 c. traits and 26½ c. to 27 c. Banca. English tin 26 c., and scarce. Some demand for traits and English tin at 23½ c. to 24 c., cash.

Lead: Government orders, proposed increase in the duties, and a speculative demand save advanced the prices of American lead to 5½ c., and foreign is firm at 5½ c. to 5½ c., ash, with an upward tendency, and low stocks in consumers' hands, but targe in trade lands. Prices are likely to reach 6 c., cash, per lb.

Antimony: Regulus nominal. It is proposed to alter the duties to 2 c. per lb.

Shoet Zinc in small demand; stocks large in importers' hands, but small in trade and monumer's hands. Sliesian from at 6½ c., does, low low such as the content of 4c c. of 4c c., cash.

Tin-Plates are without alteration; for charcoal brands 1-3d cross, holders 37½ to 74½, cash; IX, IX-20 attill scarce in some hands; harcoal ternes, good brands, 89½ to 86½, cash; IX, IX-20 attill scarce in some hands; harcoal ternes, good brands, 89½ to 86½, cash; IX, IX-20 attill scarce in some hands; harcoal ternes, good brands, 89½ to 86½, cash; IX, IX-20 attill scarce in some hands; harcoal ternes, good brands, 89½ to 86½, cash; IX, IX-80 attill scarce in some hands; harcoal ternes, good brands, 89½ to 86½, cash; IX, IX-80 attill scarce in some hands; harcoal ternes, good brands, 89½ to 86½, cash; IX, IX-80 attill scarce in some hands; harcoal ternes, good brands, 80½ to 86½, cash; IX, IX-80 attill scarce in some ha

THE TIN TRADE .- Mr. N. Breebaart (Goll and Co., Amsterdam), unde date July 21, writes:—An extraordinary calm has prevailed since the date of the last public sale. It is possible that foreign buyers had expected a larger reduction in this sale, but as the price of 69 fl. was certainly not exreduction in this sale, but as the price of 6911. Was cereamly and of, it is also very likely that even a lower price would not have been better rel.

Whatever may be the case, the impression of the result of the sale was not ble abroad, and firm offers were most generally received with a perfect indifferit looked, however, at one time as if the article was about to improve, a few
ring been sold at 76 ft., but this did not last long, foreign buyers continuing to
ring been sold at 76 ft. but this did not last long, foreign buyers continuing

lowed up by another sale at 66½ fi. Latterly there this rate, and it is even doubtful whether any could	were, how be found to	ever, no more se	lers at
BANCA TIN. The stock on warrants on June 30Slabs Quantity in public sale	1861.	1860.	1859,
	20,896	17,525	13,250
	149,185	151,513	139,126
Deliveries in July	170,081	169,038	152,378
	29,342	38,636	25,655
Stock on warrants July 31	140,739	130,502	26,723

The deliveries have been pretty satisfactory during this month, and contrast strang with the depressed state of our market, and the notable reduction which has been sceult, and for which, according to our opinion, there exists no serious ground, pline that the article deserves the attention both of buyers and speculators. The lethange in the position of affairs of the United States might bring about a sudden action in the position of this metal.

At this holiday-making season of the year there is never much business doing, but the MINING MARKET just now is more than usually dull and depressed. It would seem, that while the low price of metals is deterring the public from investing in dividend mines, there is an entire absence of discoveries or improvements to cause excitement, and throw a little life into the market for progressive speculations. When things are at the worst

discoveries or improvements to cause excitement, and throw a little life into the market for progressive speculations. When things are at the worst they are generally expected to mend; and when shares in speculative mines have been brought to the lowest point, speculators, we suppose, will begin to purchase, and there may be an upward tendency again. The Bank of England reduced the rate of interest on Thursday to 5 per cent., and the Joint-Stock Banks also reduced the interest allowed on deposits to 4 per cent., and, as money gets cheaper, will, probably, reduce it still lower, and let loose a large amount of capital. In America there does not seem to be a prospect of any serious fighting, and all these things combined may tend to improve the appearance of our markets.

The settlement of the fortnightly account, which took place on Tuesday, was of a comparatively small amount, and the most remarkable feature in it, was a general scarcity of stock among the dealers who had to deliver it. The chief transactions this week have been in Herodsfoot, Marke Valley, East Caradon, North Downs, East Wheal Russell, East Grenville, Wheal Unity, Wheal Ludcott, Condurrow, North Treskerby, Tincroft, Great Retallack, Sortridge Consols, North Wheal Robert, East Basset, West Polmear, &c. Cara Brea, 65 to 67½; the thirty-first annual report of the directors has just been issued, from which it appears the nett profit realised during the year 1860 was 11,5302. 14s. 10d., and dividends made to the amount of 14,0002, leaving to the rest account a sum of 75020. Is. 10d. The total amount of dividends paid by the mine since 1834 has been 267,5002., upon an original outlay of 15,0002. Alfred Consols, 1½ to 1½; Bryn Gwiog, 28 to 30; Calvadnack, 6½ to 7½. East Basset, 75 to 77½, ex dividend; at the meeting, on Tuesday, the accounts showed a profit of 18752. Ss. 1d. for the two months, and a dividend of 25602, was declared, leaving 11222. 15s. 11d. in hand. The ends on the south, or copper lode, are of no value; but in the 80, east of new sh

in the 60 west is 10 ft. wide, tinny throughout; a leader, 2 ft. wide, worth 15 cwts. of tin per 100 sacks, or about 50L per fm. Old Tolgus United, 15 to 16, and shares in request; the lode in the 52, on south lode, is producing full 2 tons of good copper ore per fm., the remainder of the lode good work for tin; the 42 and 30 also improving, and should the improvements continue it is hoped the mine will soon pay its way. At St. Day United meeting the accounts showed 1444L 19s. 11d. against the mine, and a loss of 791L 14s. 10d. on four months' working; a call of 2s. per share was made. East Alfred, 35s. to 37s. 6d.; East Devon, 1½ to 2½; East Caradon, 23½ to 24; Great Wheal Alfred, ½ to ½; at the meeting the accounts showed a balance against the company of 2770L 17s. 1d., and a call of 3s. per share was made, and a special meeting called for the 20th, to consider the expediency of stopping the mine and disposing of the machinery. Since the last meeting it is said the low standard reduced the sales of ore by at least 700L, and the loss on the three months was 1120L 7s. 11d. North Treskerby, 21 to 22; Providence Mines, 33 to 35; Rosewall Hill and Ransom United, 22s. 6d. to 25s. Tolvadden shares advanced to 35s., 40s., with a good demand; we understand there is a good discovery at the bottom of the mine—a course of ore worth 60L to 80L per fathom; samples taken from the ore yield s produce of 19½ and 20½ per cent. for copper. Sortridge Consols, 12s. 6d. to 13s. 6d.; we hear the lode in the 40, east of Head's rise, when last taken down, continued worth 40L per fm., but the shares do not seem to move as they ought. South Caradon, 300 to 310; South Frances, 115 to 120; Stray Park, 30 to 32; Tinceroft, 5½ to 5½; Tolcarne, 2½ to 3. Great Retallack shares kept firm at 21s. to 22s., until the end of the week, when they became flatter, and leave off 18s. to 20s.; the agent's report states the lode in the shaft is 18 in, to 2 ft. wide, of beautiful quartz and flookan, with fine mundic and prills of lead throughout, enlargi 300; Wheal Clifford, 145 to 155. Wheal Unity shares have kept firm at 19s. to 20s., leaving off 18s. to 20s.; on Thursday a telegram was received at the office, of a good improvement in the 50 west, now getting up to the run of ore ground from the 65, and also in the 55, east from engine-shaft, where the lode is yielding good work. Wheal Grylls, 3 to 4; Wheal Ludcott, 2\(\frac{3}{6}\) to Vest, wheal Margaret, 41 to 43; Wheal Moyle, 37s. 6d. to 42s. 6d. Wheal Trelawny, 13 to 14; at the meeting the accounts showed a small profit and balance in hand, but we have not received a statement of accounts. South Caradon Wheal Hooper, \(\frac{3}{4}\) to 1; at the meeting a call of 3s. per share was made. East Russell shares, after reaching 4, buyers, declined, and leave off 3\(\frac{1}{4}\) to 3\(\frac{3}{4}\). East Wheal Grenville, 41s. to 43s., and quiet. Great South Tolgus, 2\(\frac{2}{3}\) to 3\(\frac{1}{4}\). East Wheal Grenville, 41s. to 43s., and quiet. Great South Tolgus, 2\(\frac{2}{3}\) to 3\(\frac{1}{3}\). Herodsfoot, 36 to 38, and a large business done. Marke Valley, 9 to 9\(\frac{1}{4}\), and also a fair business done. New Treleigh, 35s. to 37s. 6d.; North Downs, 4\(\frac{1}{4}\) to 5\(\frac{1}{6}\); North Minera, 30s. to 32s., and the mine looking better; North Robert, 14s. to 16s. North Roskear, 17\(\frac{1}{4}\) to 20. Penhale Moor, 4 to 5\(\frac{1}{6}\); the prospects are reported as improving in the 20, where good tin ground is being opened. West Caradon, 40 to 42; at the meeting, on Wednesday, the accounts showed a profit of 1620t. 11s. 7d. on the two months, and a balance in hand of 5992t. 16s., out of which a dividend of 1t. 10s. per share was dehand of 59921. 16s., out of which a dividend of 11. 10s. per share was de d, leaving 4456l. 16s. to be carried to the next ac er shows that the ends generally are poor, and that the pitch although of the usual number, are not producing so much ore as formerly, besides which, the fall in the standard makes a difference of 1l. 1s. 6d. per ton on the ore. The manager concludes by saying that although the ends are not so good (nor have they been for some time past) as previously, he does not despair, with the number of tutwork bargains working, of making discoveries, so as to make the mine resume its former position. He also not despair, with the number of tutwork bargains working, of making discoveries, so as to make the mine resume its former position. He also states "that the mine at present is in a much better state than when he took it, and more ore in reserve than then, after making a profit of about 40,000\(\text{L}\) in two years and nine months." Great Wheal Martha, 26s. to 28s.; East Gunnis Lake and South Bedford, \(\frac{1}{2}\) to 1; the 36 end east continues to look well, and worth 4 tons per fm.; No. 3 winze, behind this end, is worth 3 tons per fathom, with every appearance of a further improvement.

On the Stock Exchange transactions in Mining Shares have been moderate during the week. Colonial and Foreign shares were in demand, and better. The following prices were officially recorded in British mining shares:—Lady Bertha, ‡; North Downs, 5, 5‡; East Wheal Russell, 3‡;

Providence, 34; Tincroft, 5½; West Caradon, 42; Wheal Kitty, 5½; Herodsfoot, 35½. In Foreign Mining Shares the prices were:—St. John del Rey, 34½, 34½; Cobre, 35½, 35, 36½; Linares, 7½, 7; Mariquita, ½, ½; United Mexican, 4½; Fortuna, 2. In Colonial Mining Shares the prices were:—Great Northern Copper of South Australia, 1½; Bon Accord, 1½, 14, 14, 1994; Phillip 1 14, 11; Port Phillip, 1.

13, 14; Port Phillip, 1.

Foreign and Colonial Mining Shares have been firm "outside" during the week, and but few have changed hands. St. John del Rey, Bon Accord, Mariquita, and Cobre have been most in demand. The former leave off 343, 35, a good advance on the previous quotation. Bon Accord have reached 13, but leave off 13, 14, with a much lower tendency. Mariquita shares are meeting with more attention, and bid fair, ere long, to again become popular on the market. The meeting passed off in a satisfactory manner, and it is now to be hoped that under the new system of management, both at the mines and in the accounts, the shareholders will reap some benefit for the outlay and long patience displayed. Cobre firm at 36, 37. At the meeting the directors recommended a dividend at the rate of 11. per share—much below the amount previously declared. The falling off is explained by the accidents in the mine at the end of the past year, and the fall in the standard. The former are repaired, and we fully hope that ere long a better tone will pervade the market generally, and thus prevent the necessity of constantly attributing the decline in mines to matters over which neither managers or shareholders can have the least control. Dun Mountain, nominally, 3, 1; the directors report that by Christmas the railway will be complete to the town of Nelson, so that in the course of next year some of the chrome can be brought into the market, and thus place a practical test on the value of the property. The Australian Mining Company measuring has been held this week, and by the discover. course of next year some of the chrome can be brought into the market, and thus place a practical test on the value of the property. The Australian Mining Company meeting has been held this week, and by the directors report it appears that they have endeavoured by every means in their power to bring the company 'saffairs into a tangible form for winding-up and division of assets. The principal portions of the estates are, however, not as yet sold, although submitted by auction in this country quite recently. The affairs must rest as they are until such disposal is arrived at. Lusitanian, 3, 4, dis. The directors have declared a dividend of 1s. 6d. per share. Linares, 7, 73; United Mexican, 44, 5; Great Northern firm at 14, 14. Port Phillip, 20s., 21s.; dividend of 1s. per share paid. Fortuna, 2, 2½; Labuan Coal, 2½, 3½, prem.

The following are the Government Returns of the exports of articles identified with mining, the produce and manufacture of Great Britain, for the six months ending June 30, 1861; and also as compared with the six months ending June 30, 1860; extracted from the "Accounts relating to Trade and Navigation," published by the Board of Trade:—

Coals and culm		£	1860. 1,543,217		£1,727,026	Decrease
Hardwares and Machinery :-	cutlery		1,657,064	•••••	1,639,900	£ 17,16
	ines	£598.918		£576,675		
Other sort	8	1,063,311=	1,592,229		: 1,805,382	_
Total	al	£	1.792.510	******	£5,172,308	
Metals :- Iron	-Pig	£412,899	.,,	£521,228		
Bar, bolt,	rod bor	1,131,483		957,883		
Railway	*********	1,637,994		1,584,037		
Wire		120,152		117,956		
				305,142		
		1,506,575 =		1,406,534=		
Steel			422,160		362,941	59,21
Copper -Unwr	ought	385,304		229,070		
Sheets		908,506		693,186		
Wrought			1,390,856	109,445=		
Brass		*********	83,372		. 80,564	2,80
LeadPig		267,827	071 070	196,917		
Ore		83,529=	351,356	71,015=	267,932	83,42
Tin-Unwroug	nt	176,223	935,879	166,867	010 100	000 71
riates	••••••	759,656=	990,019	476,295=	643,162	292,71
Grand	total	£	13,161,032		21,2451,388 4	£1,106,60
Less inc	rease-Coals	and colm. 18	3.809L : n	anchinery 91	3 153/	396,96

At the Swansea Ticketing, on Tuesday, 1071 tons of ore were sold, realising 16,985£ 10s. 6d. The particulars of the sale were—Average standard, 96£ 9s. 6d.; average produce, 18‡; average price per ton, 15£ 17s.; quantity of fine copper, 200 tons 16 cwts. The following are the particulars of the sales during the past month:

of the sales during the past month:—

Date. Tons. Standard. Produce. Price per ton. Ore cop. June 25. ... 1698 ... \$818 0 ... 16½ ... £13 16 6 ... £38 5 0 July 16 ... 2582 ... 98 11 6 ... 13 1-16. 10 13 6 ... 81 15 0 July 30 ... 1071 ... 98 9 6 ... 1834 ... 15 17 0 ... 84 10 0 Compared with last sale the advance has been—in the standard, 2l. 10s.; and in the price per ton of ore about 9s. 4d. Compared with the corresponding sale of last month the advance has been—in the standard 1l. 3s., and in the price per ton of ore about 4s. 6d. Of the 1071 tons of ore sold on Tuesday, 432 tons were from British mines, which gave an average produce of 11½, and sold at an average standard of 103£ 0s. 6d.—9l. 5s. 9d. per ton of ore. The remaining 639 tons were foreign ores, which gave an average produce of 23¾, and sold at an average standard of 94£ 8s.—20l. 6s. per ton of ore. On August 13, there will be offered for sale 1236 tons of ore, from Cobre, Knockmahon, Seville, Ballycummisk, Hunterdon, Mount Craig, and Australia. Mount Craig, and Australia.

The following dividends have been declared during July :-

Per share.			
			0
0 10 0			0
5 0 0			0
5 0 0			0
0 5 0			0
1 10 0			0
0 5 0	1,600	0	0
	1,500		0
0 4 0			0
			0
	750	0	0
	512	0	0
	496	0	0
0 5 0	263	15	0
1 0 0	12,000	0	0
			0
0 3 4	2,500	0	0
	## 7 0 0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

At the East Wheal Basset meeting, on Thursday, the accounts for Mayand June showed—Balance last audit, 1807. 10s. 10d.; copper ore sold, nett proceed,
1833. 1s. 3d. = 3652. 15s. 11d.—Mine cost, merchants' bills, and sundries, 937. 16s. 3d.;
eaving credit balance, 3652. 15s. 11d. The profit on the two months' working was
1575. 5s. 1d. A dividend of 25604. (5t. per share) was declared, and 11221. 15s. 11d.
arried to carried to credit of next account. 28331, 1s. 3d. = 36821, 15s. 11d.

At South Caradon Mine meeting, on Tuesday, the accounts for March and April showed—Balance last audit, 27281. 9s. 11d.; copper ore sold, 87744. 14s. 4d.; Liskeard and Caradon Railway dividend, 40l.; sundries, 12f. 9s. 8d. =11,5551. 13s. 11d.—Mine cost, merchants 'bills, and sundries, March, 29231. 7s. 7d.; April, 30701. 12s. 10d.; eaving credit balance, 55611. 13s. 6d. The profit on the two months' working was 18331. 3s. 7d. A dividend and bonus together, 25601. (6l. per share), were declared, and 10011. 13s. 6d. carried to credit of next account. Capt. Peter Clymo reported that their prospects continued to be very good. Their balance has increased, but in consequence of the fall in the standard their credits for the next two months will not be so high.

At West Caradon Mine bi-monthly meeting, on Wednesday (Mr. A. Harris in the chair), the accounts showed a profit on the two months' working of 16201. 11s. 7d. A dividend of 1l. 10s. per share was declared. Full details appear in

another column.

At the Craddock Moor Mine meeting, at Liskeard, on Wednesday, a dividend of 2631. 15s. (5s. per share) was declared. The sales for the next two months will be about 290 tons of good quality copper ore.

At the Wheal Trelawny meeting, on Monday (Mr. John Philp in the chair), the accounts for the three months ending May showed—Calls received, 12464. 10s.; ore soid and sundries, 51991. 7s. 1d. = 64451. 17s. 1d. — Balance last audit, 7844. 2s. 5d.; mine cost, 53331. 15s. 11d.; new botler, 2364. 13s. 10d.: leaving credit 7844. 2s. 5d. 4s. 11d. The loss on the three months' working was 1344. 8s. 10d. Capts. Pryor, Bryant, Jenkin, and Grenfell reported that the mine was looking a shade better,

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17s.;

5 0 15 0 10 0 10s.; l.3s., erage is. 9d.

May . 6s. 2d.: ing was 5s. 11d.

March

4s. 4d.; 13s. 11d. 2s. 10d.; ing was ared, and nat their requence

Mr. A. orking of ppear in

sday, a months

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and if it continues as at present their position will in six months be materially changed. The secretaryship was transferred to Mr. W. J. Dunsford, and the meetings will be held alternately in London and on the mine. Thanks were voted to the lord (Mr. C. Trelawny) for reducing the dues to one-twentieth.

At the East Wheal Agar general meeting, on Wednesday (Mr. Dunsford, in the chair), the accounts showed—Call, 5951.; balance last audit, 851. 11s. 5d.; iabour cost, 2741. 2s. 2d.; merchants' bills, 451. 9s. 1d.; doctor and club, 3t. 9s. 3d.; leaving a credit balance of 1864. 8s. 1d. Mr. F. Pryor, the agent, stated that for the next six months it was proposed that the operations should be confined to driving the adit and sinking the shaft, to meet the cost of which a call of 5s. per share would be adequated. The Chairman stated that the arrears would be readily paid. A call of 5s. per share was then made, and a vote of thanks to the Chairman terminated the proceedings.

At Wheal Sidney meeting, on July 24, the accounts for April, May, and Jane showed a debit balance of 235t, 9s., and they have tin on the floors and ore broken in the mine valued at about the same amount. A call of 2s. per share was made. Several alterations were made in the regulations relating to the transfer in shares—one by altering the rule which at present stands as follows:—"That no transfer of any share or shares shall take place until all calls due on, or attaching to, the share or shares held by the party transferring are paid and satisfed, or unless the names of the transferer and transferce be set out in full, with their residences and callings"—by substituting for the latter part of the rule, commencing at the words "nor unless," the following phrase:—"Nor unless the name of the transfereing at the words "nor unless," the following phrase for the latter part of the rule, commencing at the words "nor unless," the following phrase for the latter part of the rule, commencing at the words "nor unless," the following phrase for the latter p

proposition that a call of 50s, should be made, it was agreed that the call should be 31, per share. Messrs. Darinigton had made an examination of the property, and reported layourably as to its prospects.

At the Herward United Mine meeting, on Tuesday (Mr. Page in the chair), the accounts showed a credit balance of 280t. The report of the agent was read, and the committee of management were re-elected. It was stated that this mine was likely to take a very prominent position in the district.

At the Harwood Mining Company general meeting, at Newcastle-on-Tyne, on Thursday, the accounts showed a cash balance against the mine of 79t, 6s. 4d., and 103t, 1s. 2d. liabilities. A call of 6d, per share was made. The captain reported they had just got fairly into the vein, and were breaking soild stones of lead ore, from 4 to 6 stones weight, and every prospect of speedy improvement.

At South Caradon Wheal Hooper meeting, on Tuesday (Mr. Thornth-waite in the chair), the accounts showed a balance of itabilities over assets of 586t, 5s. 1d. A call of 3s. per share was made. Details in another column.

At Bedford Consols meeting, on July 26 (Mr. J. Rowlands in the chair), the accounts for the three months ending May showed—Balance last andit, 74t, 19s. 11d.; calls received, 200t.—274. 19s. 11d.—Mine cost, 238t, 17s. 6d.; due on forfeited shares, 20t, 0s. 6d.: leaving credit balance, 16t, 1s. 11d. A call of 1s. per share was made. Capt. James Mitchell reported that they had fair probability of making some good discoveries. They will have about 40 tons by the end of the month, which, if sold at the present standard, would be worth about 120t.

At Wheal Mary Emma meeting, on July 26 (Mr. John Rowlands in

present standard, would be worth about 1201.

At Wheal Mary Emma meeting, on July 26 (Mr. John Rowlands in the chair), the accounts for the three months ending May showed—Balance last audit, 511. 12s. 4d.; mine cost, 1631. 16s. 4d.; D. Stuart, 51.; calls received, 2111. 10s.: leaving debit balance, 81. 18s. 84. Capt. W. Doble, reported that they had broken some fine tones of tin in a pit opened on the back of the lode by a large cross-course; he is convinced that there is a fine lode of tin there for a great length.

At the Devon New Copper Mine meeting yesterday, (Mr. Otter in the chair), the accounts showed a balance of assets over liabilities of 19001. The report of the directors was read, which, together with the proceedings of the meeting, will appear in our next.

pear in our next.

At Great Tregune Consols Mine special general meeting, on Monday, a resolution was unanimously passed to create 7000 new shares, at 5s. each. This new eapital will enable the mine to put itself in the desirable position of being free from debt or liability, and from the flattering appearance of the mine at the present time it certainly appears to hold out one of the cheapest investments in the market. It has been under a cloud for the past two years, owing to a suit in Chancery, instituted by Mr. F. S. Thomas, to endeavour to regain possession of the mine, upon the plea that certain rales of the company had been infringed, which induced a forfeiture. Vice-Chanshilv Wood, however, has decided for the second time in favour of the company, dismissing the bill with costs, thus removing that difficulty, which naturally deterred parties from investing in it.

At the North Wheal Exmouth meeting, on Tuesday (Mr. Docker in the chair), the accounts showed a debit balance of 341. A call of 2s. per share was made. A resolution was passed, appointing Messrs. Docker, Lane, and Snell a committee to enquire into and report upon the best means to be adopted with regard to the future of the mine.

made. A resolution was passed, appointing Messrs, Docker, Lane, and Shell a committee to enquire into and report upon the best means to be adopted with regard to the juture of the mine.

At the New Crow Hill Mine general meeting, on Wednesday, the accounts were submitted and adopted. It appeared that since the last general meeting, held three months since, the mine has opened up with a gradual and continuous improvement, and that the returns from some of the levels have been so increased as to reader it necessary to erect 12 stamp-heads in addition to the six stamps hitherto employed. The committee of management submitted to the meeting that in consequence of the very important indications which had presented themselves during the last few weeks they had thought they should best discharge the dutics entrusted to them bey obtaining the opinion and advice of some mining authority who was totally unconnected with the undertaking, and they accordingly selected Capt. John Spargo, who, placing himself in communication with the agents, visited and inspected most minutely every portion of the mine. His report and also that of the company's agents, given in detail, were read to the meeting, and were received by the shareholders with the liveliest satisfaction, as they emphatically deciare their opinion to be that "the mine is now beyond a speculation, and it is more than probable it will very soon be classed with the dividend mines of Cornwall." Capt. Spargo's report went so far as to say that the mine cught to have more than paid its way for some time past, but upon this point satisfactory explanations were given by the committee, who unhesitatingly stated that the only reason why they had not been able to authorise the vigorous prosecution of the operations recumented by their agents was the sluggishness of the shareholders in paying up their calls. This impediment, however, now no longer exists, as all arears of calls have been paid up, excepting upon 100 shares, which have been forfeited. A call of 1s, per share was

calls. This impediment, however, now no longer exists, as all arrears of calls have been paid up, excepting upon 100 shares, which have been forfeited. A call of 1s. per share was made, and the meeting, after expressing their satisfaction with the manner in which he affairs of the mine had been conducted, separated, with confident anticipations of the prosperity of their property.

At the Connorree Mining Company ordinary half-yearly general meeting, held at the offices in Dublin on Wednesday, which was numeronsly attended, satisfaction was expressed with the progress made in the development of the new discoveries mentioned at the last meeting, and which it was the wish of the proprietors should be presented with vigour. The directors justly remarked in their report, and which can be described in every branch of mineral industry, that "the extraordinary atagnation of the mineral interpretation of the prospect of the sates and reduced the sates where raised arther than to sell them at a great under-value, and to support to some extent for the present the further raising of ore in the old mines, configurity believing that a similar reaction will take place as did in the years 1848 and 1857, leading to a greatly increased demand, and a corresponding rise in prices." The develors, therefore, proceed to say that as the mercantile causes have affected these sales develors, therefore, proceed to say that as the mercantile causes have affected these sales develors, therefore, proceed to say that as the mercantile causes have affected these sales develors, therefore, proceed to say that as the mercantile causes have affected these sales develors, which consisted of 1926 tono of sulphar or, 656 tono fyrrites, and II tons of copper precipitate. Within the same period no less than 942 fms. of ground help to the proceed of the process of the process

what to do with some of their money, or with the hands whom they had thought it right to suspend from labour on the old mines; but, fortunately, they had been able to employ that money and those hands on the development of this new undertaking. He believed that any shareholder who went to the works and inspected them would be well pleased with their condition. The retiring directors were re-elected, and a vote of thanks given to the board for their services.

At the Great Wheal Alfred meeting, on Tuesday (Dr. A. Beattie in the chair), the accounts showed a balance of liabilities over assets of 27701. A call of 3s. per share was made. It was agreed that a special general meeting be convened, for the purpose of taking into consideration the expediency of stopping the mine.

At the St. Day United Mines meeting, on July 25 (Mr. J. Balster in the chair), the accounts showed a debit balance of 14441. 19s. 11d. A special report from Captain Charles Thomas was read. It stated that at Billing's a substantial and valuable tin lode is discovered at the 194 fm. level for 50 fms. in leugth—bottom of the level standing entire. The shaft and winze below that level show improvements in depth. Beyond the said 50 fms. in length, Jadging from the 144 fm. level westward and eastward, a great length of good tin ground may be confidently expected, and that to hold down to a very great depth. He cannot perceive the probability of any unfavourable rock coming in contact with the lode for a very great depth. With the present mode of draining the water by horizontal rods from Trussell's (of 145 fms. in length) at the 124 fm. level, great difficulty in sinking much deeper may be expected, and frequent interruptions to the working in winter, if not in summer. After having examined the plan, as well as looked at the underground workings to some extent, and having obering the depth and the present of the form of the ground, is that of erecting an 80 or 85 inch steam-engine on Opie's shaft, which is a propendicular to the 124 fathom level. A

hallow depth.

At the Casara Mine meeting, on Wednesday, a resolution was passed equesting the directors to call a special meeting to consider the propriety of winding.

requesting the directors to call a special meeting to consider the propriety of windingup the company.

At East Trevenen Mine meeting, on July 24, the accounts showed a
debit balance of 1401. 0s. 8d. A call of 5s. per share was made. The claim of Mr. John
Perry, for valuing surface lands at Manbey, was disallowed; and the purser's salary increased to four guineas per month, and the manager's five guineas per month. Captain
W. Truran reported on the mine—"Since the commencement we have opened the following places:—Adit shaft, near eastern boundary, 13 fms.; deep adit on caunter lode,
20 fms.; ditto on cross-cut north, 14 fms.; ditto west on branches, 15 fms.; sunk Highburrow shaft from surface, 14 fms.; sunk Pryor's shaft, 10 fms.; sunk Gotway shaft,
8 fms.: making a total of 94 fms. All these shafts are in good working order. The
deep adit has been a very tedious and costly affair, owing to it being so hard, costing for
some distance 201, per fm., including wheeling and drawing; but it is pleasing to state
that the communication with the adit has placed the company in a sufe and fair position
for prosecuting the mine."

some distance 201, per fm., including wheeling and drawing; but it is pleasing to state that the communication with the adit has placed the company in a sale and fair position for prosecuting the mine."

At the Great Moelwyn Slate Company meeting, on July 26 (Mr. Otley in the chair), the directors reported that they did not contemplate being able to pay any dividends for at least 18 months, owing to exploratory operations being carried on to secure the utilimate success of the mine, in which the directors have increased confidence. There are arrears of calls amounting to about 1000. The monthly expenditure is estimated at 4001. A call of 10s, per share will be required in August. Capt. W. Griffiths reported upon the various points of operation.

At the Consolidated Copper Mines of Cobre meeting, on Tuesday (Mr. George Hibbert in the chair), the directors reported that they would have been enabled to have continued the 21. dividend, notwithstanding several accidents to the machinery, had not the great fail in copper (equal to 131, 10s, per ton of metal, or 21, per ton of ore) materially affected their receipts. The produce of the first five months of this year has increased to the extent of 386 tons as compared with those of iast year, and the general works at the mines are proceeding very satisfactorily. It was mentioned by the Chairman that since the report was written advices had been received from Cuba, stating that a lode had been cut at the Gitanliia Mine, referred to in former reports, but that the water would, for a few days, prevent its being proved. Mr. Pascoe D. Glyn was elected a director in place of Mr. C. W. Grantel, deceased; and Mr. Pascoe Du Pre Genefell was elected and adviced of 12,0001. (11. per share) was declared.

At the Lusitanian Mining Company meeting, on Thursday, the directors

hare) was declared.

At the Lusitanian Mining Company meeting, on Thursday, the directors calared a dividend of 750t. (1s. 6d. per share).

deciared a dividend of 750%. (Is. 6d. per share).

At the Port Phillip and Colonial Gold Mining Company meeting, on Wednesday (Mr. J. D. Powles in the chair), the accounts showed a profit for the six months ending March of 10,058%, 7s. 5d. The profit for April was 2305%. A distribution of Is. per share was made. Details in another column.

At the United Mexican Mining Association meeting, on Wednesday (Mr. C. Morris in the chair), the London audited account showed a credit balance of 593%, 12s. 6d., which, added to the remittance of 9312%, 0s. 5d. since received from Mexico, makes a total of 9816%, 12s. Out of this sum 367%, 2s. 3d. has been paid upon interest and dividend account, and for director's fees, and there are liabilities chargeable upon it of interest on new loan, 1250%, 17s. 7d.; and percentage of new loan repayable on September 13 next, 6671%, 8s. =7922%, 5s. 7d.; leaving a surplus of 1526%, 5s. 1d. But as there are unclaimed dividends, auxiliary capital, and red scrip, for which the company is liable, amounting to 5071%, 10s. 11d., to meet which the company has only the above surplus of 1526%, 5s. 1d., there is really a balance against the association of 3646%, 5s. 10d. Messrs. Morris and Weston, who retired by rotation, were re-elected directors, and Mr. William Adam was chosen a director in place of Mr. Joseph Tasker, deceased. Mr. John Hibbert was re-elected auditor. Details will be found in another column.

At the New Grand Duchy of Baden Mine meeting, on Tuesday (Mr.

William Adam was chosen a director in place of Mr. Joseph Tasker, deceased. Mr. John Hibbert was re-elected auditor. Details will be found in another column.

At the New Grand Duchy of Baden Mine meeting, on Tuesday (Mr. Dunsford in the chair), the accounts showed a balance of assets over liabilities of 6911, 178, 44. The annual report from Capt. Richards was read, and considered of a very favourable character. Additional capital was required, and the directors proposed to raise it by the creation of 5000 shares of 11, each, to be offered rateably to the present proprietors, at a discount of 16s, per share. The report of Captain Richards was considered astisfactory. It stated that the reserves of the mine had increased. The Chairman stated that the proprietors had been already informed it was proposed to adjourn for a fortnight, to obtain the sense of the shareholders with regard to the proposal to create new shares for the purpose of raising additional capital. He was glat be able to inform the meeting that a very large proportion of those new shares habeen accepted, some applications having been made for additional shares. Mr. Little enquired if the board considered the amount of capital they proposed to raise adequate for their requirements?—The Chairman said that subject had been under the consideration of the board, and considered the amount of capital they proposed to raise adequate the proposed to raise adequate the proposed of the proposed to raise adequate the proposed to raise administration of the board, and considered the amount they proposed to raise quite sufficient for their requirements. Even in the absence of any discoveries which they confidently hoped would soon be made, their agent considered, with the reserves now on hand, that he would be able to prosecute their operations at a smaller loss than had been sustained during the past year. It was satisfactory to observe that the mine was gradually improving, and that they were gradually lessening their periodical loss, After some turther discu

cal loss, After some further discussion, the meeting was adjourned, after a vote of thanks to the Chairman.

At the Clarendon Consolidated Copper Mining Company of Jamaica (halt-yearly) meeting, there being an insufficient number of shareholders present to form a quorum, the proceedings were of a forman character. The directors' report (an abstract of which appeared in last week's Journal) was considered a very satisfactory character. The agent's report will be found in another column.

At the South Europe Mining Company meeting, on Tuesday, the directors reported that the accounts were incomplete, which, however, was not very material, as the company was not in a dividend-paying state. Four samples of ore have been assayed, and gave, respectively, ½, ¾, ½%, and 5¾ per cent. for copper. An abstract of the report appears in another column.

At the Australian Mining Company meeting, on Monday (Mr. Palmer in the chair), the accounts showed a cash balance of 4021. 14s. An offer of 20,0001. was made by a party willing either to purchase or lease the property. The reserve price put upon the Charlton estate was 50004. Details in another column.

At the Dun Mountain Copper Mining Company meeting, on Wednesday (Mr. Arnold Rogers in the chair) the accounts showed a balance in hand of 17,4384.

day (Mr. Arnold Rogers in the chair) the accounts showed a balance in nano of 1,585t. It was stated that the company possessed an inexhaustible quantity of chrome ore, for which in England and on the Continent there exists a demand equal to any supply, and at prices which would leave a handsome profit. A chemical broker states that he could readily dispose of 500 tons per annum at contract prices, bi-chrome makers being exceedingly giad that a new source of supply has been discovered. The railway from the mines to the port of shipment would, it was anticipated, be sufficiently completed for the transmission of the ore by the end of the year. Details in another column.

OUR MINERAL WEALTH .- The usual Annual Statistics of the Mineral OUR MINERAL WEALTH.—The usual Annual Statistics of the Mineral Wealth of the United Kingdom—those for 1860—are of a very satisfactory character, and show that, notwithstanding the general depression in commercial circles, the progress of our mineral and metallurgical industries has been continually onward. The value of the minerals raised in 1860 was 26,404,4594, against 24,226,5261. in the preceding year—increase, 2,177,9334. The value of the tin, copper, lead, silver, zinc, and pig-iron manufactured from the ores of those metals raised during the period was 16,939,7174., against 15,447,0861.—increase, 1,492,6314.; of other minerals and metals, 170,9274. in 1860, against 95,0004. in 1859; and of coals, 20,010,6744. in 1860, against 17,994,9414. in 1859, thus showing the aggregate value of our metals and minerals when brought into the ordinary commercially marketable condition, to have been 37,121,3184. in 1860, against 33,537,0274. in the preceding year—the increase being equal to 3,554,2914. Mr. Hunt's volume has this year been enriched by the appending of a general statement of the progress of British mineral industry since the publication of the Statistics was commenced.

At Valparaiso "copper is so low as scarcely to cover the price of labour." RAILWAY CALLS.—The amount falling due in August is 1,018,660%.—
saking the total called in the eight months of 1861, 9,128,5056.

LEAD ORES.	
Sold on the 30th July.	
Mines. Tons. Price per ton. Purchasers.	
Minera Mining Company 92 £12 8 0 W. J. Cookson &	Co.
ditto 91 11 10 0 Waiker, Parker,	
dttto 90 11 11 0 ditto	
ditto 50 11 15 0 ditto	
ditto 50 11 15 0 ditto	
ditto 7 12 2 0 W. J. Cookson &	Co.
Tamar Consols 60 19 2 6 Stock & Co.	
BLENDE.	
Sold on the 31st July.	
Mines. Tons, Price per ton, Purchasers.	
Great Retallack 230 £1 10 0 Vivian & Sons.	
BLACK TIN.	
Sold on the 20th July.	
Mines. Tons c. q. lbs. Price per ton. Amount. Purchasen	
Rosewarne Cons 0 13 1 1 £67 0 0 £ 44 8 0	
Sold on the 27th July.	
Drake Walls 4 5 0 0 68 10 0 Daubuz & C	0.
ditto 4 5 0 0 68 10 0 Bissoe & Co	
ditto 10 10 0 0 64 12 6 R. Michell 8	k Co.
Sold on the 30th July.	
Gt. Wh. Busy 11 2 1 9 61 15 0 686 8 10-Carvedras.	
ditto 2 0 3 23 46 5 0 94 14 2- ditto	
Sold on the 31st July.	
New Wh. Vor 3 1 0 26 60 7 6 184 16 6-Chyandour.	
COPPER ORES.	
Ticketings for about 131/4 tons Copper Ore, ex Elizabeth Jacomine, at Liverpool, J	uly 27.
Sims, Willyams, & Co	
Charles Lambert 9 18 0	

COPPER ORES.
Sampled July 10, and sold at Swansea July 30.

			ice.				Mines. Tons. Produce. Price.
Chili	. 67	 235	3 £	18	14	6	Knockmahon . 60 1136 £9 9
ditto	. 62	 23		18	13	0	ditto 32 1134 9 13
ditto	. 61	 23		18	12	0	ditto 106 936 7 14
ditto	. 60	 233		19	5	0	ditto 93 1054 8 15
ditto	. 59	 235		18	18	0	ditto 45 1016 8 13
ditto						6	Lochwinnoch. 14 214 1 12
ditto						0	
ditto						0	Aus. Regulus. 14 5514 46 19
ditto						0	ditto 4 5516 47 5
ditto	. 59	 243		20	1	0	Precipitate 12 49 41 18
Knockmahon						0	
						P	RODUCE.
		 _	***			-	

COMPANIES BY WHOM THE ORES WERE PURCHASED. Total £16,985 10 6

Copper ores for sale at Swansea, August 13.—Cobre 100, 96, 47, 94, 93, 54, 82, 71, 13—Knockmahon 68, 63, 54—Seville 43, 42, 6, 2—Ballycummisk 35, 31, 26—Hunterdon 28, 2, 20—Mount Craig 27.—Australian Regulus 15.—Australian ore 2.—Knockmahon 73, 49.—Total, 1236 tons.

-Mount Craig 27—Austrainan Regular 15

AVERAGES.

Produce Price Standard.

British 11½ £9 5 9 £103 0 6

Foreign 23% 20 6 0 94 8 0

Sale 18% £15 17 0 £96 9 6

Totals—British, 432; Foreign, 639=1071 tons (21 cwts.)

COPPER ORES.

Mines.		ons.		ice.		Mines.		rons.		P	rice	
	ord1			5	6	Condurrow	*****	. 21		£2	4	-
ditto	*********			14	6		*****			0	2	-
ditto	********				6	South Frances	*****	. 70		6	7	
ditto	********			16	0			. 49		7	2	-
ditto	*********			14	0	ditto		48		4	12	-
ditto	********			16	0	ditto	****	31		5	9	-
ditto	*********			14	0	ditto		6		3	18	-
ditto	********	32			0	East Crinnis & So	. Par.	70		6	9	-
ditto	********	22	. 4	10	6					5	13	-
Engine Or	re	52	. 4	14	6					4	1	-
East Pool .		72	. 4	3	0		*****			ī	15	-
ditto		62	. 4	1	0	Wheal Seton [Pen	larves	69		5	2	i
ditto	********	60	. 3	12	6		*****			1	6	ì
ditto	*********	51	. 5	10	6	9111				4	10	ì
ditto	*********			3	6					9	8	ì
ditto	*******			19	0					3	2	ì
ditto	**********			3	0	Trevoole		50	****	9	3	ì
ditto	*********		-	3	6					2	0	1
West Seton	*********			14	6		*****			2	8	1
ditto	**********			4	6		*****			5	14	
ditto	**********			17	6	94						
ditto	***********			11	6		*****		••••		8	-
ditto	**********			14	0	MAN	*****			.5	14	
ditto	***********			14	6	*****	****			15	9	-
ditto	***********			18	6		****			5	0	9
	***********			15	6	South Tolgus				3	18	
ditto	***********				ő		*****			3	17	-
ditto				9	6	ditto	*****	34	****	7	11	•
ditto	********			17	6	Stray Park				4	3	-
	********						*****			11	14	ŧ
ditto	*********			14	0	ditto	****	13		2	9	6
ditto	********			11	6	Camborne Vean .				4	3	(
ditto	***********			3	0		*****			5	8	-
	et			.4	6	South Crofty				2	3	
ditto	**********			11	6	ditto				1	4	-
ditto	********			17	0	ditto				8	3	-
ditto	********			3	6	West Tolgus	*****	54		4	15	(
ditto	********			13	0	Dolcoath		52		3	11	
	*********			1	0	Wheal Grenville .		24		3	1	
ditto	**********			6	6	ditto		20		6	18	0
ditto	*********			1	0	East Grenville		26		8	3	(
ditto	********	35	. 7	3	6							
			TO	FAI	P	RODUCE.						
Wheel Cliffs												
Fret Pool	ru 660	2	1700	19	0	East Basset	. 146		. £1	281	4	(
East Pool	427		1702	2	U	South Tolgus	. 136		. 1	654	3	- 1

West Seton	321	1702	2	0	South Tolgus	136	654	3	0
Tincroft	352	1180	4	6	Camborne Vean	79	364	16	
Wheal Basset	243	1328	15	0	South Crofty	69	228	17	
Condurrow	241	799	14	0	West Tolgus	54	256	10	
South Frances	204	1209	8	6	Delcoath	52	185	18	
East Crimis	202	993	3	0	Wheal Grenville	44	211	16	0
Trevole	169	444	8	6	East Grenville	26	81	18	0

COMPANIES BY WHOM THE ORES WERE PURCHASED.

Copper ores for sale on Thursday next, at Tabb's Hotel, Redruth.—Mines and parcels.

—West Basset 499—Carn Brea 403—Great Wheal Aifred 300—Levant 473—Par Cousols 265—Pendeen Consols 252—Great South Toigus 155—United Mines 130—Treloweth 125—East Aifred Consols 121—Charlotte United 114—Rosewarne United 112—Weeal Buller 76—Copper Hill 71—Wheal Unity Consols 56—West Wheal Providence 20—Rosewarne Consols 17—Spearn Moor 14—Camborne Consols 10—St. Aubyn and Grylls 7—Boscaswell Mine 4.—Total, 3015 tons.

NO SALE on Thursday week, August 15.

CONSOLIDATED COPPER MINES OF COBRE.—
At a HALF-YEARLY GENERAL MEETING of the proprietors of the association, held at the offices of the company, Gresham House, Old Broad-street, this 30th day
of July, 1861, GEORGE HIBBERT, Esq. (Chairman) in the chair.

nt convening the meeting having been read, the following report wa

The advertisement convening the meeting having been read, the following report was read:—

In accordance with the Deed of Settlement, the directors submit to the shareholders the audited account for the year 1850. In the last report it was stated that up to October the produce had continued to improve, but that in November, owing to accidents to the machinery, that months produce had considerably fallen off, and from the same cause, during the first ten days of December no ores were raised at the mines. These drawbacks have materially affected the account now laid before the meeting, but they would have been surmounted, and the directors would have been able to have declared the same dividend as during the last two years, had the price of copper, and consequently of the ores, continued at what it ruled during the year 1859 and up to August last. During these periods the average price of copper was 12½d, per lb., whilst at the present time it is possible, it is not be seen that the difference is more than 2.0 neach ton of ore, which, upon a produce of 1100 tons per month, amounts to a very large sum of money. Under these circumstances, the directors regret they are unable to recommend a larger dividend than 11, per share, which is now declared, payable on and after Tuesday, the 20th day of Augunt. As regards the mines, notwithstanding the accidents referred to, the decrease on the year's produce is only 211 tons, being 13,601 tons, as compared with 13,812 tons for 1859; whilst, on the other hand, the percentage of the ores has improved from 16 to 1634. This advance is partly attributable to the new machinery which has been sent from England for the purpose of improving the quality of the ores. The produce for the first flow months of this year has been increased to the extent of 385 tons as compared with those of last year, and the general works at the mines are proceeding very satisfactorily. Under all these circumstances the directors have every reason to expect that when condidence becomes more established on

ONSOLIDATED COPPER MINES OF COBRE.—
Notice is hereby given, that a DIVIDEND of ONE POUND PER SHARE, free of income tax, will be PAID to the holders of certificates in this company, at the office of the association, Gresham House, old Broad-street, on and after TUESDAY, the 20th day of August next, between the hours of Eleven and Three o'clock. The proprietor must leave their certificates for examination three clear days before the day of payment WALTER SHAIRP Directors of the GEO. WHITMORE Company.

Gresham House, Old Broad-street, July 30, 1861.

CONNORREE MINING COMPANY (LIMITED).At a GENERAL MEETING of the Connorree Mining Company (Limited) he
this day, at their offices, 46, Dame-street, Dublin,

JOHN FRANCIS WALLER, Esq., LL.D., in the chair,

JOHN FRANCIS WALLER, Esq., LL.D., in the chair,
The following resolutions were passed:—
Proposed by the Chairman, accorded by Martin Burke, Esq., and resolved:—
That the deposits and statement of accounts now read to received and adopted, and
that the same be printed for distribution amongst the shareholders.
Proposed by William Girson, Esq., accorded by John Sayth, Esq., and resolved:—
That the usual remuneration be paid to the directors for the ensuing year.
Proposed by Edward Fotterkli, Esq., seconded by George Bolton, Jan., Esq., and
That John Francis Waller, LL.D., and Henry Shaw, Esq., be re-elected directors of
this company.

That John Francis Waller, LL.D., and Henry Snaw, LSq., be re-elected discount this company.

Proposed by John Knight Boswell, Esq., seconded by Robert Molloy, Esq., and resolved:—

That Arthur Moore and James West, Esq., be the auditors for the ensuing year, and that a sum of £10 be paid to the said auditors for each half-year's audit.

Proposed by Martin Burke, Esq., seconded by E. Firederick Shaw, Esq., and resolved:—

That the best thanks of this needing be given to the chairman and directors for their attention to the interests of the company.

F. W. GREENE, Sec., 46, Dame-street, Dublin, July 31, 1861.

THE CENTRAL SNAILBEACH MINING COMPANY (LIMITED).

Capital £10,000, in 10,000 shares of £1 each.

Deposit, 2s. 6d. per share, payable at Messrs. Rocke and Co.'s, Bankers, Shrewsbury. For detailed prospectus, see Journal of July 27, page 490.

For detailed prospectus, see Journal of July 27, page 499.

REPORT OF MESSRS. PHILLIPS AND DARLINGTON, 26, GRESHAM-STREET, LONDON.

July 13, 1861.—This sett is situated two miles from the Minsterley railway station, and about twelve miles from the town of Shrewabury. It encloses an area of 295 acres, and is a westerly continuation of the ground now so largely profitable to the Snailbeach proprietors. This mine is justly celebrated as one of the most remunerative in the kingdom, and has been more or less actively worked for more than 50 years, during which period the aggregate yield of ore has been enormous, whilst the present returns are at the rate of about 3300 tons per annum, affording a revenue probaby little short of £50,000. The lode runs in an east and west direction, having a varying inclination or dip southward. It is also irregular in its which. The ores obtained are remarkable for their purity, and bear a high reputation for glazing purposes. When found near the surface, they are chiefly associated with sulphate of baryta, but at an increased depth this matrix gives place to a large quantity of carbonate of lime and quartz. These ores are readily enriched by washing, and easily smelted, and would be valuable to the smelter as a fuse for ores of a more refractory nature. The Snailbeach workings have now attained a depth of 372 yards from the surface, and extend longitudinally fully 1000 yards. The forebreast of one of the western levels is steadily advancing towards the Central Snailbeach boundary, and the shoots of ore are found dipping in this direction. On referring to the lithographic plan of the district, the relative positions, not only of this property, but also of the New Venture Mine, will be seen. In addition to this, the probable course of the lodes have been laid down by Mr. David Davies, one of the officers of the Snailbeach Mrines. It will be observed that six east and west veins are believed to traverse the sett, viz.:—1. Supposed Snailbeach main vein trough the Central Snailbeach Mrine OF MESSRS. PHILLIPS AND DARLINGTON, 26, GRESHAM-STREET, LONDON. ther rock-viz., the Stiperst guous to another rock—viz., the Stiperstones—but it is also highly metalliferous, and is yielded, from various points westward, a very large amount of ore.—3. Both the rong and Davier's veins, particularly the former, present a highly encouraging appearace for affording valuable deposits of ore at an increased depth.—4. The underground ater will be very light, and may be pumped by the application of hydraulic machinery, he foregoing considerations induce us to consider this piece of ground to be worthy of ore extensive and systematic development, and we are further strongly of opinion that totall it be proved, as there is every reason to believe, the Snailbeach lodes run through its property they will, if judiciously developed, afford remunerative and lasting results.

PHILLIPS AND DALLINGTON. -but it is also highly n matic development, and we are instant strongly of open series is every reason to believe, the Snailbeach lodes run through if judiciously developed, afford remunerative and lasting result.

* The Snailbeach Mine is eastward.

TO ADVENTURERS IN FOREIGN MINES.—MR. HARRY THOMAS VERRAN, of PLACENTIA. NEWFOUNDLAND, who has had considerable experience (under the tuition of his father, and in connection with many other experienced Mining Engineers) is ready to UNDERTAKE the EXAMINATION and REPORTING upon MINERAL PROPERTIES in Newfoundland, the United States, or any other country, where his services may prove useful to capitalists. The greatest confidence may be placed in Mr. Verran, who will use his best judgment in giving reliable information to those who may repose confidence in him.

EICESTER AND CO. (late Leicester, Brache, and Teague),
CONSULTING MINING ENGINEERS AND SURVEYORS, AND GENERAL
MINING AGENTS, MELBOURNE, VICTORIA, PROCURE MINING LEASES ON
ELIGIBLE TERMS from the GOVERNENT of VICTORIA and NEW SOUTH
WALES, on receipt of a remittance for £200, to cover costs of lease, survey and report,
&c. Mesers. Leicester and Co. OFFER to TAKE the MANAGEMENT of MINING
COMPANIES, and PROVIDE OFFICE ACCOMMODATION, for a percentage on the
profits of the company.
For further particulars, apply to Mr. Richard Middleton, Mining Journal office,
26, Fleet-street, London, E.C.

All remittances must be made through our bankers, the Union Bank of Australia.

NEW PATENT ACT.—Mr. CAMPIN, having advocated Patent Law Reform before the Government and Legislature, and in the pages of the Mining Journal, &c., now ADVISES and ASSISTS INVENTORS.

The CIRCULAR of INFORMATION gratis, on application to the Patent Office and Dusigna Registry, 156, Strand.

Now ready, price Is.

PROGRESS OF MINING IN 1860, BEING THE SEVENTEENTH ANNUAL REVIEW. BT J. Y. WATSON, F.G.S., Author of the Compendium of British Mining (published in 1843), Gleanings among Mines and Miners, &c.

The Sixteenth Annual Review of Mining Progress appeared in the Mining Joural of December 31, 1859, and January 7, 1860.

MAL of December 31, 1892, and January 1, 1892.

A FEW COPIES of the REVIEW OF 1855, containing Statistics of the Metal Trade
the Dividends and Percentage Paid by British and Foreign Mining Companies, and the
State and Prospects of upwards of 290 Mines. Also a FEW COPIES of the REVIEW
OF 1852, 1853, and 1854, MAY BE HAD on application at Messrs. WATSON and CULL's
Mining offices, 1, 8t. Michael's-alley, Cornhili, London. Also, STATISTICS OF THE MINING INTEREST. By W. H. CUELL.

WATSON AND CUELL'S MINING CIRCULAR WATSON AND CUELL'S MINING CIRCULAR, published every Thursday morning, price 6d, or £1 is, per annum, contains Special Reports of Mines, and the Latest Intelligence from the Mining Districts, from an axclusive resident agent; also, Special Recommendations and Advice upon all subjects connected with Mining, and interesting to investors and speculators. A Record of Daily Transactions in the Share Market, Metal Sales, and General Share Lists, &c. Edited by J.Y. Warson F.G.S., and published by Warson and General, St. Michael's-alley, Cornhill. N.B. Messrs. Warson and Certal have made a selection of a few dividend and progressive mines, which they have reason to believe will pay good interest, with a probability, also, of a rise in value, the names and particulars of which will be furnished.

INVESTMENTS IN BRITISH MINES.

Mr. MURCHISON'S REVIEW OF BRITISH MINING for the QUARTER ENDING 307M MARCH, 1861, with Particulars of the Principal Dividend and Progressive Mines, Table of the Dividends Paid in the last Five Years, &c., is NOW READY. Price One Shilling. At 117, Bishopsgate-street Within, London, E.C. Reliable information and advice will at any time be given on application.

Also, COPIES of "BRITISH MINES CONSIDERED AS AN INVESTMENT."
J.H. MURCHISON, Esq., F.G.S., F.S.S. Pp. 356, boards, price 3s. 6d., by post 4s, devertisement in another column.

Plates, 8vo., cloth, price 10s. 6d., by post 11s.,

THE MINERS' MANUAL OF ARITHMETIC

AND SURVEYING.

Teacher of Practical Mining in the intel Mining School of Cornwall, and Principal of
the Engineering Academy, 4, Myrtie-street South, Liverpool.

Truro: Heard and Son.—London: Longman and Co.; the office of the Mining Journal,
26, Fleet-street; of the author, and of all booksellers.

Hotices to Correspondents.

* Much inconvenience having arisen, in consequence of several of the Numbers during the past year being out of print, we recommend that the Journal should be regularly filed on receipt: it then forms an accumulating useful work of reference.

Sin,—Having occasion to place an 8-horse power engine in the extreme end of a level, 200 fathoms from shaft, and which is 25 fathoms from surface, I shall be obliged if any of your numerous readers would inform me what size and weight per fathom the pipes for carrying off the smoke should be made? If any fan is required, and if any advantage would be gained by introducing the pipes at surface into the fue of the stack of an engine worked by three boilers, of 11 tons each?—Inquinkn.

VOLCANIC ACTION.—I shall feel obliged to Mr. Mark Fryar to reply to my question in your Journal of June 22—" Where I can see the coking or calcining products from volcanic heat in fron and coal seams?" I should like to examine the seams in situ.—EVAN HOPKINS: *Clarendon-gardens, London, W.

HOFKINS: Clarendon-gardens, London, W.

IOLD-PRODUCING VEINS AND ROCKS.—A few weeks ago some of your correspondents referred to the theory of Sir B. Murchison, regarding the production of gold in depth. I am unable to conceive how it is possible for any man to establish a theory maintaining that gold cannot be found or produced at great depths, and more especially when I have myself seen gold and auriferous matrix extracted at a profit at a depth exceeding 200 fms. from the surface, at Marmato. It is true that the deep gold mines are in matrix of pyrites and quartz, and that as yet no gold quartz but only pyrites veins have been found profitable at great depths. Still, no one has a right to maintain that gold cannot be produced at greated epths should the rock and matrix change. With respect to gold quartz veins, no theory can be justly established; all that we can say is, that the result of our trials in every gold district shows that hard quartz veins, without ferruginous mixture, become very poor at moderate depths. This is a fact that cannot be controverted, but neither the science of geology nor experience can form a theory as to the depth at which gold may be found in the primary rocks. However, putting theories and opinions aside, and looking at it as a pounds, shillings, and pence question, in all such undertakings in new districts, where we find only quartz and slate, and no pyrites, I would not place much dependence on great depths, but place it on the area and extension of the workings, by cross-cuts, &c., at shallow depths, and keep trial pits in advance.—Evan Hopkins.

term pits in advance.—EVAN horizon.

Lectric Calasine (Silicate of Zinc).—I should be glad to learn, through the Journal, the locality of the largest deposits of this mineral in England and Wales, what companies are raising it, and at what price it is now sold?—V. W.

companies are raising it, and at what price it is now sold?—V. W. Boo Inon.—We have referred the enquiry which appeared in last week's Journal to Mr. Campin, of the Strand Patent Office, and he says that there being now about 3000 entries for patents every year it is impossible to state with any certainty whether any particular matter is or is not the subject of letters patent; the only certain method of learning being to search the Indices of the Commissioners of Patents, and then to look at any specifications of patents which have "titles" at all likely to compass the subject matter of the enquiry, which can be done at the Commissioners' libraries at the Great Seal Office and South Kensington Museum, at the British Museum, or the free libraries of many of the principal towns.

SSAYERS' BLAST FURNACE.—Can any of your correspondents inform me where the furnace, as referred to by "D. A.," in last week's Journal, can be purchased in this country and the cost? Any other particulars relating to the subject would also be accept

able.—M. D.

THE PROSPECTS AND POSITION OF THE DEVON GREAT CONSOLS.— Knowing you are desirous that the Journal shall be the medium of correct information, I beg to call your attention to an oversight in an article which you published on "Metallic Mining, and Shareholders Profits," which I have not yet seen noticed by any shareholder of the Devonshire Great Consolidated Copper Mining Company. On referring to the annual report of this company in the Journal, some weeks since, I find you have given occasion for conclusions being drawn much to the prejudice of the company. By taking one set of figures for another, it is made to appear that the stock of ore ground from which the future supplies of ore are to be derived is worth only 87,000., whereas it is worth, at the rate of 51, per ton, 305,8801, the stock of ore ground from which, the future supplies of ore are to be derived is worth only 87,000., whereas it is worth, at the rate of 51, per ton, 305,8801, and stock of ore ground from which, at the rate of 51, per ton, 305,8801, the stock of ore ground from the ground in the baiance-sheet, part 2, that the machinery, materials, and stores are valued (omitting fractions) at 83,031.; copper ores at surface, 22,1841, the resident director's house, 35001;—as the cash, bills receivable, and Exchequer Bills, 22,2601.—a state of things, as they say in Cornwall, "quite good enough."—AN OLD SURSCHIBER.—[This letter will, doubtless, receive the attention of the writer of the article referred to, and the necessary corrective remarks be forwarded.—ED. M. J.]

ILVER VEIN.—Several letters have been received respecting this mine. We underst that a sampling of the silver ore will take place next week, and the directors will ca general meeting of shareholders, or issue a circular, as soon as the result of the sa

Is known.

BREAT RETALLACK.—If it be the wish of the shareholders to have the agents' reports written so as to arrive in London on Fridays instead of Mondays, as at present, the committee can have no other desire than to meet the wishes of the general proprietary. But permit me to observe that no such wish was expressed at the last meeting, nor has any communication been addressed either to the secretary or to the committee upon the subject. If there is any blame in the matter it must attach to the committee for not taking upon themselves to alter an arrangement which has been in force since the commencement of the company. Your anonymous correspondent complains of this, but why does he single out Great Retallack, when from the majority of mines managed in London the reports are received on Monday mornings? I am inclined to think, however, with your correspondent, that it would be as well to have them three days later; at the same time, the agents' orders are, in addition to the weekly report, to send to the office immediate notice of any particular change, and during the past week two, if not three, reports have been received.—A MEMBER OF THE COMMITTEE.

TREAT RETAILACE.—In the Journal of last week a shareholder finds fault with the mode of sending the reports. No doubt if sent on a Wednesday to the Journal it will be a great benefit to all out-adventurers. It has been stated here, and I believe it to be perfectly correct, that the engine-shaft in which they have the improvement will, in a few fathoms sinking, be entirely out of their sett. The same may be said of the 35 where they have only 8 fem. to reach the boundary; and the 25 has already been communicated to the adjoining mine—Duchy and Peru, which is on the east and south boundary of Great Retailack. If Capt. Reynolds, in his next report, were to give to the proprietors an explanation of the matter, no doubt it will be very satisfactory to all to know their true position.—Duciny and Peru.

all to know their true position.—Duchy and Pradu.

Wheal Emma.—Several letters appeared in the Journal about October last, relative to the great improvement made by Captain Robert Dunstan in the management of this mine, and the confidence with which the shareholders were inspired by the promise of so much being developed in so short a time. But I will leave all reference to representations and pretensions, and come to facts; in doing so, I will call attention to the six months' returns in Wheal Emma, under the previous management, compared with the seven samplings of Captain Dunstan, the last of which was July 18, 1861.—Quantity of ores sampled in six months, under the former management, with 40 tons left on the floors, 854 tons, realising 49561, averaging per month 7151. 136. Quantity of ores sampled, deducting 40 tons as left on the floors by former manager, 1051 tons, realising 40581. 28. 10d., averaging per month 6791. 17s.: leaving a deficiency of cash under present management, for seven months, as compared with the previous six months, of 1351. 19s. per month. I shall feel thankful if your correspondent of October last would furnish me with the facts respecting the amount of dividends paid, as I have seen nothing in the Journal respecting the realisation of the 3001, per month, as contemplated in that remarkable letter.—J. MOXIE: Carharack.

QUARTERIAL SALES OF TIN.—In the Sales of Black Tin for the Quarter ending June,

Contemplated in that remarkable letter.—J. MOTHE: Carracracs.

DUARTERLY SALES OF TIN.—In the Sales of Black Tin for the Quarter ending June published in last week's Journal, Drake Walls Mines is only supposed to have sold 38½ tons, realising 27551. 2s. 3d. Now, during the last three months this mine has sold 55 tons 9 ewts. 1, r. 181bs., for the sum of 49971. 3s. Please put this in the Journal in the form of an erratum.—WM. BETTELEY: Drake Walls Mines, July 29.

soid 58 tons 9 cwts. 1 qr. 18 lbs., for the sum of 42971. 3s. Please put this in the Journal in the form of an eratum.—Wx. BETTELEY: Drake Wolfs Mines, July 29.
WHEAL HEARTE.—In the List of Sales of Black Tin for the Quarter ending June, 1861, published in last week's Journal, it erroneously appears that Wheal Hearte sold black only once, and in April, whereas our sales for the quarter were as follows:—April, 3292, 5z.; May, 3501. 4z.; June, 3651. 7z.—10377. 16z.; showing a steady increase in produce, and, I hope, an equally steady progress towards dividends.—Jas. Hollow.

[For some weeks previous to publishing the Quarterly Returns we call upon pursers to furnish us with the particulars of sales from their respective mines, that they may appear correct. The foregoing letters show the necessity of attention being paid to such request, and we trust will induce those interested to devote in future a little time to a matter of much general interest, and some importance to their shareholders—accurate statistical information. Had the returns been furnished to us when applied for these corrections would not have been required.—En. M. J.]

THE MINING JOURNAL

Bailway and Commercial Gazette.

LONDON, AUGUST 3, 1861.

The present returns from the Board of Trade, respecting the imports and exports of the United Kingdom, are for the first half of the year, being made up to June 30. For this period the total declared value of the export of articles the produce and manufacture of this country is set down at 60,143,425£, which, against 62,019,989£, for the six months of 1860, is a decrease of 1,876,564£, while as compared with 1859, when the aggregate was 63,003,159£, the difference is 2,859,734£. For the month of June, however, taken by itself, there is an increase over June, 1860, of 1,026,439£, the difference between 10,362,893£ and 9,236,454£.

The several heads of exports more particularly representing mining industry, show a falling off for the six months, with only two exceptions, which are coals and culm, and machinery, the former giving an increase of 183,809£, and the latter 213,153£. After allowing for these two amounts, we find the total decrease is 709,644£, the aggregate value for the six months of 1861 being 12,451,388£, against 13,161,032£ in 1860. The heaviest deficiency is in copper, which is less by 359,155£ than last year. The next is tin, to the extent of 292,717; iron, 292,119£; lead, 83,424£; steel, 59,219£; hardwares and cutlery, 17,164£; and brass, 2808£.

Referring to the balance-sheet of our interchange in the precious metals with other nations, it appears that we have exported no less a sum than 14,081,068£, against only 9,627,670£ imported. Of the exports, 5,801,490£ was silver, and 8,279,578£ gold, while the imports consisted of 5,973,798£ gold, and 3,653,872£ silver. To Egypt, for India and China, we transmitted 5,044,466£, against 3151£ only received. To the United States we exported 5,948,623£, and our imports thence were 53,086£. From France we obtained 2,043,520£, and sent 1471,906£, so that in this instance the balance is in our favour. From Mexico and South America we obtained 3,396,674£, without any remittance of any similar kind from this country; from Australia we imported 3,092,278£ on the

The French Official Returns for the first half of the present year present some very important results. In the first place, the amount of the duties received on imports during June is rather over 9\frac{1}{4} million francs, against a little less than 12 last year, and more than 18\frac{1}{2} in 1859; the total is, in fact, some 26,000 frs. less than it was in the same month two years ago. Taking the six months, the diminution is, however, considerably less, the amounts being, in round numbers, 55\frac{1}{2},69, and 95\frac{1}{4} million francs. A great portion of this deficit is the result of legislation, and the sum lost does not exhibit any falling off in commercial presperity. but principally an importion of this deficit is the result of legislation, and the sum lost does not exhibit any falling off in commercial prosperity, but principally an improvement in commercial legislation, which must eventually be highly remunerative to the nation. The following particulars will interest our readers:—Coal exhibits a great increase, the total being 50 per cent. more than last year; but while the supply from England was four times greater, that from Belgium was less. The new product, "jute," reached upwards of 17,000 quintals, of which all but 3000 came from England or British India. The import of machinery was very large, the value being set down at 895,466 frs. against 237,212 frs. last year. One of the most remarkable results, however, is the import of pig-iron. The figures stand thus:—

1860.

1860.

England 76,771 ... 3350 met. quintals.

Beigium 11,266 ... 1583—8043

Bar iron shows an increase from 229 quintals to 2831 quintals; and steel

MINERAL WEALTH OF THE UNITED KINGDOM.

The Statistics of the Mineral Produce of the United Kingdom for 1860 are highly favourable, as compared with the preceding year. Notwithstanding the depressed state of commerce generally during the entire period reported upon, the quantity and value of minerals and metallurgic manufactures has continued to increase, showing, in a very marked manner, the stability of these branches of industry, and their invariably progressive character. The value of the minerals produced from British mines has increased to the extent of 2,177.9331.—the amount being 26,226,5261 in 1860, against 24,226,5261 in 1859. It is probable that at no period since mining enterprise has been carried on in this country has the progress made been equal to that which has taken place since the recognition of its importance as a national industry by our legislators in the establishment of that useful institution so ably presided over by Sir Roderick Murchison; and it may very fairly be questioned whether this progress is not in a great measure due to the compilation and publication of statistics, which enable the public to learn, upon reliable authority, that the returns accruing from mining adventure are immense. Through the courtesy of our valued correspondent, Mr. Robert Hunt, F.R.S., we are enabled to publish this day an abstract of the Statistics, which he has just completed, and which will shortly be ready to issue to the public in the customary form.

The following general summary will show the position maintained by standing the depressed state of commerce generally during the entire period

The following general summary will show the position maintained by

ur mineral industries during the year 1	860 :			
GENERAL SUMMARY, OF WHICH REMINERALS.	TURNS ARE	GIVEN	FOR 1860.	,
TINTons	10.462	*****	€ 748,827	
COPPER	236,696		1,507,133	
LEAD	89.081	******	1,236,749	
SILVER ORE		*****	2,439	
ZINC			39,631	
Pyrites			84,139	
Arsenic			12,800	
NICKEL			254	
TUNGSTEN	19		19	
MANGANESE			3,096	
SUNDRIES, OCHRE, &c	597		869	
IRON ORE	8 024 205		2,466,929	1
COALS (sold and used)	80,042,698	*****	20,010,674	£,
SALT			-	
CLAY	508,666		221,150	
BARYTES			9,750	
COPROLITES	30,000	*****	60,000	
Total value of minerals and soals	90 680 634	£	26,404,459	

Total value of minerals and coals ... 90,680,6 METALS PRODUCED FROM BRITISH MINERALS. 6,695 £ 871,382 15,968 1,706,261 TinTons 63,525 1,417,415 549,720 151,173 ZINC 4,357 89,596 IRON PIG 3,826,752 12,703,950

.....£16,939,717 Total value of the above..... Estimated market value of other metals and minerals
COALS 170,927
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1860. 3,827 7,133 6,749 2,439 9,631 4.139

19

9,750 60,000 04,459 71,382 06,261 17,41551,173 89,536 03,950

39,717 70,927 10,674

21,318 ing the year Tin: 1859, Tin: 1859,

we have not allic produce. 860, but not the relative 1,3821: de-

10,400 tons; 1: 1859, 6497 06l.; ditto in

ditto, 1860L, 54,799 cwts.: exhibiting a decrease on exports of 1280 cwts.

COPER.—The production of copper from the mines of the United Kingdom was—Ore: 1859, 236,789 tons; 1860, 236,696: decrease, 93 tons. Fine Copper: 1859, 15,770 tons; 1860, 15,968 tons: increase, 198 tons, The money value of the ore and copper produced being in—Value of Ore: 1859, 1,506,835L; 1860, 1,507,133L: increase, 298L. Fine Copper: 1859, 1,734,700l; 1860, 1,706,261L: decrease, 28,439L. If to this be added our importations we have the total value of copper smelted in this country as —in 1859, 3,588,540L; against in 1860, 3,146,398L: or a decrease of 442,142L. We exported of all sorts of copper—in 1859, 22,788 tons; in 1860, 26,166 tons: showing an increase of 3378 tons.

LEAD AND SILVER.—The lead ore produce of 1860 shows a falling off.

1860, 26,166 tons: showing an increase of 3378 tons.

LEAD AND SILVER.—The lead ore produce of 1860 shows a falling off, as follows:—Lead ore, 1859, 91,381 tons; 1860, 89,081 tons: decrease, 2300 tons. Lead: 1859, 63,233 tons; 1860, 63,525 tons: increase, 292 tons. Silver: 1859, 576,027 ozs.; 1860, 549,720 ozs.: decrease, 26,307 oznes. The market value of the lead and silver in these two years was follows:—Lead: 1859, 1,405,925 tons; 1860, 1,417,415 tons: increase, 11,490 tons. Silver: 1859, 158,407£, 1860, 151,173£: decrease, 7234£. We imported in 1859, 23,620 tons lead, worth 504,396£; 1860, 22,171 tons, worth 468,435£: decrease, in tons, 1449; in value, 35,961£. We exported of lead as follows:—Pig and rolled: 1859, 18,414 tons; 1860, 21,986 tons. Shot: 1859, 2157 tons; 1860, 1811 tons.

21,986 tons. Shot: 1859, 2157 tons; 1800, 1811 tons.

ZINC.—The quantity of zinc ore, chiefly blende, raised in the two years under consideration were:—1859, 13,039 tons, worth 39,1172.; 1860, 15,552 tons, worth 39,6312. increase in production of ore, 2513 tons, in value, 5142. Our importations of zinc during the same period being—In 1859, 36,303 tons; 1860, 28,784 tons: decrease, 7519 tons. Our exports of the same metals being:—British: 1859, 4874 tons; 1860, 5271 tons: increase, 397 tons. Foreign: 1859, 8671 tons; 1860, 4211 tons: decrease, 4860 tons. rease, 4460 tons.

PYRITES.—The production of sulphur ores (iron pyrites) was 135,669 ons in 1860, it being 136,060 tons in 1859. Of arsenic, manganese, and he less important mineral productions, the quantities are given in the ge-

IRON.—The manufacture of iron has continued in a very uncertain state throughout the year. Notwithstanding, however, the unsettled condition of this important industry, we find there were no less than 582½ furnaces in blast during the year, from some of which the enormous quantity of 400 tons of pig-iron were made in a week. The relative positions of the two years may be represented as follows;—British iron ore consumed in 1859, 7.876,581 tons; 1860, 8,024,205 tons. Foreign iron ore consumed in 1859, 29,328; 1860, 23,112 tons. Pig-iron made, 1859, 3,712,904 tons; 1860, 3,826,752 tons. Value of pig-iron (at the place of production) 11,480,2567. This year a more complete list than any which has previously been given of the mills and forges of the United Kingdom is included, and also of the tin-plate works of South Wales. This is not to be regarded as entirely complete, but it is hoped the form in which this information is given being known, that in future years there will be greater facilities afforded for obtaining a full representation of our iron manufactures. The fulness of information communicated by the owners of blast-furnaces renders the return of pig-iron especially reliable.

Coals.—The production of coals keeps pace with the increase of popu-

tures. The fulness of information communicated by the owners of blast-furnaces renders the return of pig-iron especially reliable.

Coals.—The production of coals keeps pace with the increase of population, and the enlarged demands of our manufactures and commerce. In the general statement a full view of the progress of the coal trade is given. It is only necessary here to explain that according to the computation made on the system adopted for some years past, the coal produce of the United Kingdom was, in 1860, 80,042,698, as compared with 71,979,765 in 1859. Attention is, however, directed to a largely increased estimate of the production of the Durham and Northumberland coal fields, made by the Inspectors of that district. It will be seen that their computation is nearly 4,000,000 tons more than the amount given. These gentlemen show, and perhaps correctly, that the quantity put down for colliery consumption, which quantity was estimated with the assistance of the late Mr. T. J. Taylor, has been considerably below the real amount; but the large excess arises from an item which has never been included in these returns—the quantity of small coals destroyed by burning upon the waste fire heaps of the collieries. If those items be admitted, it will be seen that the actual drain upon our coals fields has now advanced to, and is proceeding at the enormous rate of, 84,042,698 tons per annum. A complete list has been given of our exports from each coal field during the year, showing the ports to which the fuel was sent. The total exports to foreign counties for the last three years were—in 1858, 6,529,483 tons; 1859, 7,081,949 tons; and in 1860, 7,412,575 tons.

NORTHERN INSTITUTE OF MINING ENGINEERS.

Since writing the remarks on the paper of Mr. Aytoun "On Safety Cages," we notice that the report of Mr. Dunn gives some particulars respecting shaft accidents. The total number of deaths from shaft accidents, specting shaft accidents. The total number of deaths from shaft accidents, as stated by Mr. Aytoun, in the year 1860 was 182, and in 1859 the number was 191. Of these 5 occurred from over-winding and 22 from the breaking of ropes and chains—that is, about 12 per cent. of the shaft accidents are due to this cause; the remainder are due to various causes, such as falling from the top of the shaft, materials falling down the shaft, &c. Now, all these accidents, it would appear, are from causes not very difficult of prevention, if we consider that in Northumberland and Durham and Cumberland, only 23 deaths occur in shafts, and in the other districts the number of lives lost is 159, although in the former districts more than one-fourth of the total amount of coal raised is got, so that if all the districts were in the same proportion only 92 deaths ought to have occurred, instead of 182. To return to Northumberland and Durham: in 1860 we hear no case of over-winding, and only one case of life being lost by the breakage of ropes, and this is an exceptional case, which occurred at Medomsley, from the rope having been allowed to get slack under the drum, and so falling over the horns; the rope was broken, and, we think, three lives lost, although in the table given we have only one life lost, which would appear to be an error. Looking at these facts, we can scarcely avoid making the inference that the present practice in those two counties very nearly approaches to the best that can be made, that is, so far as the safety insured from the breakage of ropes and chains, and from over-winding, is concerned. But it is a very grave subject, and we should be loath indeed to come to any rash conclusion on it. A very large number of people are conveyed into and from these mines each day, and the shafts are many of them of great depth; the speed at which they are conveyed is great, so that it is impossible almost to hope that accidents from breakage and over-winding can always be avoided with the present arrangements. Looking at as stated by Mr. Aytoun, in the year 1860 was 182, and in 1859 the num-

hereigned for by the Act recently come into operation, will go lar to prevent the occurrence of the latter.

Mr. T. Y. Hall's paper is of a very comprehensive character, and possesses many points of special interest. At present we shall notice mainly the position of the coal trade in the Tyne, as pointed out by him. He appears, indeed, to have attached especial importance to this part of the subject. This is the district marked D on the large map. The area of this district he estimates at 162 square miles, and as he shows it contains a great variety of coal, the most interesting portion being the remains of the High Main team—the finest household coal in the world. The total quantity of coal remaining here, including the remains of the High Main, he estimates at 140 million tons—a quantity equal to all the steam-coal in the districts A, B, and C. The greatest portion of this coal is now inaccessible from water, and it was to rescue this valuable portion of the coal field that the drainage scheme of the late lamented Mr. Taylor was matured, but which he did not live to see carried out. Mr. Hall lays great stress on the impovement of the River Tyne, and there are certainly good grounds for this as a very slight examination will show. He estimated in 1855 the tota tal raised in Northumberland and Durham at 15½ million tons, and he

1859, \$50,452\$\frac{1}{2}\$. increase 15,854\$\frac{1}{2}\$. The apparent discrepancy between the returns for the years ending at December and September arises from the fact that the returns include the last quarter of 1859, which was a very productive period. The values of the ores of tin in these years—1859, \$307,582\$\frac{1}{2}\$. 1860, 748,827\$\frac{1}{2}\$. decrease, 58,755\frac{1}{2}\$. 1859, 738,488\frac{1}{2}\$. 1860, 1860, 575\frac{1}{2}\$. Our imports of block tin, &c., in 1859, were 1850, 1850, 584,790 cwts.; ditto, 1860, 58,220 cwts.; showing an increase on imports of ditto, 1860\frac{1}{2}\$. 4,790 cwts.; exhibiting a decrease on exports of 1280 cwts. The money value of the ore and copper from the mines of the United King-The money value of the ore and copper produced being in—Value of Ore; 1859, 15,770 tons; 1860, 15,068 stors: increase, 198 tons, 7134,700\frac{1}{2}\$; 1860, 1,706,261\frac{1}{2}\$. decrease, 28,439\frac{1}{2}\$. If to this be added our importations we have the total value of copper—in 1859, 22,788 tons; in

GOVERNMENT MINE INSPECTION.

DERBYSHIRE, NOTTINGHAMSHIRE, LEICESTERSHIRE, AND WARWICKSHIRE DISTRICT.—Mr. HEDLEY gives his usual statistics, showing the number of tons of coal raised for each death, the result being far less favourable than in the preceding year, though somewhat better than in 1858. Like the other Inspectors, Mr. Hedley has observed the ill effects of want of discipline. The lack of good discipline, he says, has been prominently and painfully manifested to him during the past year, his list containing the names of many who have sacrificed their lives by very careless and daring acts, and some of them men who held responsible places, and men of experience as well. The old special rules have been revised to meet the requirements of the new Act, and were at the date of his report established at the principal collieries in his district, and the other collieries were taking steps to establish them forthwith. Henceforth there will be only one code throughout his district, and by that more vigilant supervision is provided for, which he trusts will materially reduce the number of deaths which annually arise from breaches of discipline. Mr. Hedley has the satisfaction of recording the escape from a very serious explosion of gas at the Shipley Hard Coal Colliery, Derbyshire, by the proper use of safety-lamps. In November last a well-ventilated district in the colliery was for several hours charged to an explosive point—the Davy's were full of flame, and the Geordie's or Stephenson's extinguished; but the men safely reached the intake air-course and escaped. One man had to pass over the coals for 60 yards along the face with his Davy full of flame, and as the seam was only 3 ft. thick the risk was evidently great. Mr. Hedley remarks that had the man tripped, or the lamp jerked with sufficient force to pass the flame through the gauze, an explosion involving the loss of some 70 lives would have been added to the list of explosions not accounted for; and a defective lamp, or the exposure of a light, would have been suggested as the caus DERBYSHIRE, NOTTINGHAMSHIRE, LEICESTERSHIRE, AND WARWICK-

Compulsory Education in Colleries.—It appears that some difference of opinion exists with respect to the feeling entertained in the Bristol district concerning the desirability or otherwise of introducing compulsory education, and Mr. Handel Cossham now formally contradicts the statement made by one of the Assistant Commissioners on Education relative to the Bristol colliers being in favour of the compulsory system. Mr. Cossham feels sure such a statement has no foundation in fact. In a lecture on the "Present State of Education," Mr. Cossham remarks—"There are two points connected with the Report on Education upon which I feel called upon to say a few words; and, first, I see Mr. Cummin, the Assistant Commissioner for the Bristol district, has stated that the colliers round Bristol are in favour of a compulsory attendance at school—that is, they are in favour of a law to compel them to send their children to school. Now, I beg leave very respectfully to question the correctness of that opinion, and I think my knowledge of the wants and wishes of the Bristol colliers is, to say the least, quite equal to that of Mr. Cummin, and I am sure I speak correctly when I say that among no considerable number of colliers in this neighbourhood is there the slightest desire for compulsory education, but, on the contrary, a strong and decided objection to its adoption; and sure I am that, if once attempted, it would put back and retard the progress of education more than almost any other step that could be taken, and I must denounce the adoption of the Prussian system of compulsion as dangerous and unnecessary. Secondly, Mr. Cummin has also stated that there is only one good voluntary school in the Bristol district, and that is the 'Friends.' That statement I also venture to challenge, and I am quite sure that I can point out a very considerable number of voluntary schools in and around Bristol supported on the voluntary principle, equal, if not superior, in every respect to similar schools in similar localities patronised a

make for its promotion."

Practical Mining—Cobbing.—Messrs. Smyth and Wasley, of Coed Mawr Pool Mine, whose invention for improvements in crushing ores was the subject of so much controversy in our pages some time since, have recently specified their invention (per Mr. Campin, the patent agent). The specification states that the invention consists in the use and adoption of a bed or place to receive the ores or substances to be crushed or broken, made of cast-iron or other suitable substance, with steel (or steeled) bars on the top, or perforated plates of different sizes, according as the nature of the stuff may require, which stuff will discharge under the bed or bars as it is broken. Any form of bars or perforated plates may be used for the breaking of ore, stuff, stone, or any other hard substance. And the inventors do not confine themselves to steel-bars, as any other material may be found to answer; or, in other words, instead of having a bed or crushing-floor of solid metal or other suitable substance, the inventors form a strong grating or surface, composed of bars and openings between them, upon which bars or grating the ores, stone, or hard substances are pushed or placed beneath the stampers (which they prefer to make with a silt for the tappets or tongue in the native barrel to take into and thus lift the stamper, instead of leaving a lifter, tongue, or projection attached to the stamper lifted by the said first-named tappet or longue, as in the old plan), and which stampers or other crushing or breaking-up mechanicians. The ore, stones, or other hard substances will, upon sufficient force being applied thereto, be crushed or broken upon the bars or solid parts of the grating or open-work (such are of steel or are steeled at the edges), and the ore, stuff, or stones, or hard substances considerably reduced in size, and are pressed by the action of the stampers or crushing mechanisms through the apertures between the bars or the open spaces of the grating to beneath the surface of the same, where it

New Patent Steam-Gauge.—An improvement upon the ordinary steam-gauge has recently been invented by Messrs. Bailey and Co., of the Albion-works, Salford, which for simplicity certainly appears superior to any similar instrument which has been introduced, and which, from its principle of construction, is not at all liable to derangement. The outward appearance of the gauge is that of the ordinary Bourdon, but the interior construction differs very widely—springs, mercury, compressed air, and all that is objectionable in existing gauges being entirely dispensed with, the substitute employed being nothing more than a widely—springs, mercury, compressed art, and an trans sonectionable in existing gauges being entirely dispensed with, the substitute employed being nothing more than a simple weight. Within the circular box upon which the dial is placed, and near its centre, there is provided an axis from which a pendious weight in the form of the segment of a circle is suspended. Whilst at rest, and not acted upon by the steam (the pressure of which is to be indicated), a cycloidal lever or projection extends in a horizontal discretion over a rod which is supported upon the centre of a diaphragm, in direct communication with the steam in the boiler. Upon the pressure of the steam increasing the diaphragm is acted upon, and the connecting rod is forced upwards, acting in turn upon the cycloidal lever before referred to. The tendency of this action is naturally to raise the weight from the vertical to the horizontal position, and as a toothed wheel upon the axis from which the weight is suspended gears into another toothed wheel upon the axis from which the weight is suspended gears into another toothed wheel upon the axis from which the properties of the steam upon the diaphragm can be accurately indicated upon the dial. The gauge was exhibited at the Manchester Exchange, on Tuesday, and very generally approved; we understand, moreover, that the instrument is warmly culogised by Mr. Peter Higson, the Government inspector of Coal Mines, and that it has already been adopted by the Kirkless Hall, Ince Hall, and Rose Bridge Coal Companies, and almost without exception by all the coal companies in the neighbourhood of Wigan and St. Helen's.

FURNACES.—Instead of constructing furnaces for steam-boilers, &c., in the ordinary manner, and instead of charging them with fuel as usual, Mr. B. Hockin, of Limehouse, declares that he is, by means of an invention which he has recently provisionally specified, enabled to combine fuel economy with the smokeless combustion of bituminous coal, and, at the economy with the smokeless combustion of bituminous coal, and, at the same time, secure a supply of feed-water heated to as high a temperature as may be required, or as can be pumped or otherwise fed into a steam-boiler or other close vessel. He divides the furnace longitudinally with a hollow iron box or case, which is made to extend from the bridge or any point behind it to the front of the dead plate, or as near to the furnace-doors as will permit of the escape of the products of combustion from one side of the furnace to pass round the front end of the hollow case or longitudinal division, and so pass over the entire length of the other half of the furnace. This hollow case does not form part of the boiler, but may rest upon bearers suitably placed. Along each side, as near the top as may be convenient, one or more rows of holes may be drilled to permit of the escape of steam when formed within the casing, and which are also available, in case of necessity, for readily extinguishing the fires. Into this hollow case or longitudinal division cold water is pumped or permitted to flow to any desired level, and in proportion to the quantity required or the temperature to

REPORT FROM MONMOUTH AND SOUTH WALES.

Newfort, Cardiff, and Swansea, Aug. 1.—The reports of Mr. Evans and Mr. Brough, the Government Inspectors, throw considerable light on the working of coal mines in Monmouthshire and South Wales. Mr. Evans' report is characteristic of brevity and point, and in treating of the accidents which have occurred in his district, he spares neither master or workman in his excellent censures. This has given great satisfaction throughout South Wales generally, and increased confidence in the Government Inspector will be the result. In Mr. Brough's district one of the most fearful colliery accidents on record took place last year, by which 142 persons lost their lives. The calamity occurred at the Black Vein Pit, the property of the Risca Coal and Iron Company, and full reports of the accident and inquest appeared in the Mining Journal of the following weeks. Mining engineers of reputs and standing were called to the spot to offer their opinion as to the cause of the terrible catastrophe, and Mr. Evans and Mr. Brough, amonst others, were examined. The general impression was that a blower of gas caused the explosion, and offer we much benefit from their perusal. It would have been, however, more satisfactory if the Inspector gave a definite opinion of some kind. He shows at some length that there were several defects in the management and working of the colliery, which might have caused the explosion, but at the same time he does not think, Judging from all the surrounding circumstances, that this mismanagement actually caused the catastrophe under notice. No doubt it may be difficult to offer a distinct opinion, yet the public would be better satisfied if the Inspector or any of the mining engineers present at the enquiry could give a more definite diea of the cause of this terribie sacrifice of human life. The state of trade in the different parts of the district remains about the same. In the neighbourhood of Swanses things appear to be improving, and several of the fundance of the

The men, after standing out for about a month, have gone in at the reduction of 2d, per ton, and it is to be hoped that all will go on peaceably now. The masters have lowered the price of provisions in the company's shop, which is the only advantage the men hav gained through the strike.

The INUNDATION OF THE MARSH COLLIERY, LLANRHIDIAN, NEAR SWANSEA.—Two MEN DROWNED.—We have already stated that the Marsh Colliery, situated in the peninsula of Gower, was suddenly inundated on the night of June 5, by the workmen striking into an old heading, and that the only two men in the pit at the time were drowned. Nearly two months have been occupied in clearing the pit, in order to allow the Government Inspector for South Wales, Mr. Thomas Evans, to make his official report. That having recently taken place, the inquest upon the bodies of the deceased was held on Tuesday last, before Mr. C. Collins, coroner, at the Welcome-to-Town Inn, Llanrhidian. The true facts of the case never having been laid before the public, we here give them as deposed to before the coroner:—William Harry identified the bodies, and proved that the Marsh Colliery belonged to Messra. Perkins, Morgans, and Co., of Linelly, who were generally known as the Lynch Colliery Company.—William Jenkins, a collier, deposed that he had worked in the colliery for about two years, and was working underground the night before the water broke in. The colliery seemed to be quite safe when he left it. As he was leaving both of the deceased were waiting to go down the pit.—George Richards, a banksman, deposed that he had worked in the holliery for about two years, and was working underground the months. On the morning of June 5, about half-past nine, he heard a report as of the bursting of a boiler, and within half a minute the pit was filled with water. The two deceased were was leaving both of the deceased were waiting to go down the pit. The usual hour that morning. Nobody else was in the pit at the time.—John Davies, of Linnelly, deposed that he was working in t

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE,

Aug. 1.—If any change in the Iron Trade can be recognised, it is a slight degree of improvement, but it is so faint as to be scarcely worthy of notice, and is confined to very few firms. The strike of puddlers in South Staffordshire is almost at an end, the men having gone in at the reduced rate. In North Staffordshire some local strikes continue to disturb the relations of masters and men. Mr. Samuel Griffiths has purchased the works at Oldbury, previously in the hands of Messrs. Chapman and Granger, who are now bankrupts, and there are reports that he is contemplating another and much more important addition to the number of iron works now in his possession.

plating another and much more important addition to the number of from works now in his possession.

The report of Mr. Lionel Brough, who had charge of South Staffordshire and East Worcestershire for the greater part of 1860, is pregnant with valuable suggestions tending to the reduction of the fatalities which attend colliery operations in that coal field. It is satisfactory that many of his suggestions having reference to the prevention of accidents in shafts have been met by anticipation by the provisions of the Act of last session, and by the new special rules framed under it. Accidents are necessarily uncertain, and the rate in any single year can scarcely be regarded as a satisfactory indication of the derate in any single year can scarcely be regarded as a satisfactory indication of the derate in any single year can scarcely be regarded as a by the new special rules framed under it. Accidents are necessarily uncertain, and the rate in any single year can scarcely be regarded as a satisfactory indication of the degree of caution and prudence exercised, but it will be disappointing if accidents in shafts do not show a diminution in the present as compared to last year; and it may be hoped that in other classes of accidents a diminution may be found to have resulted from the increasing precautions and supervision exercised in the working of coal mines. All reports concur in ascribing many accidents to the want of that caution, and guarding against sources of danger which result from the working generally being so imperfectly educated. By this it is not meant that the ability to read and write, or the possession of a certain amount of knowledge, would have much direct effect in inducing greater prudence, but it is to that mental training which must accompany any efficient course of school instruction which makes men appreciate more forcibly the liability to contingent danger, and the value of precautions, the necessity of which is shown by extended experience. With unthinking and unreflective men, past impunity induces recklessness, and it is only men who have in some way or other been led to base their conduct on a man of reflective disposition it appears almost incredible madness that men who work in mines exposed to exhaiations of inflammable gas should smoke, or resort to cunning schemes in order to open their lamps; but to men to whom the present is all, and whose hold of the past or the future is feeble, a momentary gratification, or the avoidance of present inconvenience, readily overcomes regard for prudential considerations. Unfortunately, in South Staffordshire this imprudence of the workmen is only very slightly counteracted by the supervision of their employers, as there are the butties who, taking contracts as low as they can, naturally feel a stronger desire to get work done than to adopt precautions which they hope will not be needed. An

and, was precipitated to the bottom of the shaft, and was of course kinet on the sp.—A fatal accident occurred last week to a young married woman, named Ann Whi tingham, who was killed by falling down a shaft at the Priestfield's Colliery of Messi Ward, near Wolverhampton. The shaft was fenced with a chain, against which the wome leaned as she shouted down the pit, and, being insecurely fastened, it gave way, as she full to the bottom. The deceased's husband was near at the time, and saw he wife fall; and he told the coroner's jury that, from enquiries he had made, he w

atisfied the hanksman had properly fastened the chain before leaving the pit, and that ome one must subsequently have been meddling with it. It may be well questioned whether a chain hooked at one end is a secure fence for a shaft. Such a fence is liable to be slack, and thus to be low in the middle, whilst the fastening is easily tampered with. a chain hooked at one end is a secure fence for a shaft. k, and thus to be low in the middle, whilst the fastening is

REPORT FROM YORKSHIRE, DERBYSHIRE, AND LANCASHIRE.

Aug. 1 .- The causes which have led to the depression of the Iron Trade

REPORT FROM YORKSHIRE, DERBYSHIRE, AND LANCASHIRE.

Aug. 1.—The causes which have led to the depression of the Iron Trade still continue, and considering the position of commercial affairs generally there is no immediate prospect of any improvement. The approaching harvest is likely to be abundantly fruitful, and the money market is becoming easier, but the demand for all descriptions of iron is very limited.

The Coal Trade is duller than it was a fortnight ago, and prices are generally lower, except for those kinds adapted for locomotive and marine purposes.

There has been held this week the anniversary of the Institution of Mechanical Engineers, at Sheffield, under the presidency of Sir William Armstrong. The Chairman, in his opening address, traced the progress which science had made in the machinery of war, and he believed that whatever thickness of iron was used in ships, guas would be constructed capable of destroying it. He believed that plates made of rolled iron would be more effective in restaint ga hot than those forged. Mr. Henry Bessemer read an interesting paper "On the Manufacture of Steel." He said the Bessemer steel was exceedingly suitable for ordnance, and blocks of metal of any required size, from 20 to 30 tons weight, might be made at the works much cheaper than previously. Its power of resisting a tensile strain was 15 tons per square inch above the best English bar-Iron. The metal had been successfully applied in the manufacture of locomotives, and such like, girders, bridges, vinducts, &c. Mr. J. Brown read a paper "On Steel Ralls, and Armour Plates." He said that he considered the most practical method of giving greater durability to the working surface of the rail was to case-hardenit. The process might be considered expensive, but there were certain portions of the line which might be laid down with eccomyr. Mr. T. E. Vickers, of Sheffield, read a paper "On the effects of the Combination of Carbon with Iron." He said the result of trials had proved that its reame partically weaker,

meet Inspector would be taken, after which the coroner would sum up the evidence and the jury would return a verdict.

There is nothing worthy of note this week with respect to the Derbyshire lead mines. The depressed condition of trade, owing to the American crisis, is operating against speculation, particularly in Sheffield, from which town most of the capital employed in pro-

lation, particularly in Sheffield, from which town most of the capital employees an progressive mining has been furnished.

On Saturday, as a fall of coal was being blown down at East Gawber Colliery, near Barnsley, a feeder of gas ignited, and the coal caught fire. The steward and fireman immediately commenced building stoppings, when a second explosion took place, and soriously curred them both about the hands and face. The managers and stewards of North Gawber and New Gawber promptly rendered advice and assistance, but when the brick walls were nearly completed another explosion blow them all out, severely injuring three or four more men engaged in the work. The horses were then got out, and the shafts closed. Several explosions have since occurred, and the colliery is, of course, temporarily suspended. The injured men are progressing favourably.

REPORT FROM NORTHUMBERLAND AND DURHAM.

REPORT FROM NORTHUMBERLAND AND DURHAM.

Aug. 1.—The Coal Trade continues to progress satisfactorily, on the whole; we do not hear many complaints of slackness. The coke trade certainly is extremely dull in some quarters, on the Tyne for instance. The shipping of coke has been a very flat trade lately. On the Wear much activity prevails in some of the large collieries. At Cassop a new shaft has been sunk, and the works are going briskly forward, so much so that a scarity of men has been experienced, and as the coal and iron trades in Staffordshire have been extremely dull, a number of men have been brought, who look like colliers. They will, we think, have no reason to regret coming to the North, as they have been well cared for since their arrival, and there is little doubt they will become useful after getting a little practice with the mode of working the coal, and be able to earn good wages. The Iron Trade continues sluggish, and the same may be said of the Chemical and Glass Trades. The latter has been extremely flat of late. The state of affairs in America is stated to be the principal cause.

The application of the Consett from Company to the Vice-Chancellor for additional time for the payment of the claims of the District Banks has so far been refused, and the members of the company have appealed to the Lords Justices. The business, as it stanks; in a very unsatisfactory position, and its speedy settlement is very desirable. Any stoppage of the large iron-works and collieries at Consett would be a serious disaster; this however will, it is hoped, be prevented.

The decision of the Committee of the House of Lords adverse to the formation of the Derwent and Consett Railway has taken the promoters of the bill, and we may add the public generally, completely by surprise. After the success of the bill in the House of commons, the result of a most scarching examination of the various witnesses, both for the bill and in the interest of the North-Eastern Company against the bill, and the result and in the case o

Boiler Explosions meeting it was stated that during the last month three explosions had occurred, each attended with loss of life; two of the boilers were of ordinary Cornish construction, one of which failed from deficiency of water. The third was of the tubular locomotive class, and the explosion arose from the thinning of the plate just behind one of the laps situated in the cylindrical part of the boiler, and below the water line. This has occurred to stationary boilers, apart from corrosion, as caused by blowing joints or external damp, and may be attributed to disintegration of the plate, consequent on the constant buckling action which is induced in close proximity to single lines of rivets by heavy strains. The constant occurrence of explosions from weak places in the plates, entirely unspected, and only ascertained by a post mortem examination, as it were, shows the imperative necessity for laying bare the plates of all boilers which have been in work for any length of time, and having a faithful and most searching examination made of them on both surfaces. A boiler is too apt to be considered in a state of rest when once it is fixed on its bed, whereas the fact is that directly the fire is lighted all the parts are set in comparative movement one with the other; every fresh charge of coals expands the plates of the furnace-tube; every draught of cold air through the furnace-door contracts them; while the varying pressures of the steam and any irregularity in the introduct of the feed-water, more especially if cold, change the shape of the shell, so that the boiler is in a constant state of respiration, which must in course of time have an influence upon it. This shows the importance, in the first construction of boilers, of having all the cylindrical parts truly circular, and without any flat pieces in them, so as to prevent constant alternate backling action, while it appears to point to seams of doubles. BOILER EXPLOSIONS .- At the Association for the Prevention of Steam cence upon it. This shows the importance, in the first construction of bollers, of having all the cylindrical parts truly circular, and without any flat pieces in them, so as to prevent constant alternate buckling action, while it appears to point to seams of doubler vivetting as more enduring than single for continuous heavy strains; also, that in estimating the safety of bollers, time must always be considered as an element, and that nothing can be more fallacious than to argue that a boiler must be safe at a given pressure because it has stood it for several years.

Notice to Fire Insurance Companies—Bastier's Chain-Pump.—Fire has ever been the most terrible enemy of Great Britain, and more particularly of London, in the annals of which city the too celebrated dates of 1666, 1697, 1834, &c., and lastly 1861, have been so indelibly inscribed that they will never be forgotten. The ordinary pump, in spite of its considerable power, and the many improvements which have been introduced in its construction, has unhappily proved inadequate to contend against the fearful disasters which appear daily to increase, and probably for this reason—the ordinary fire-pump is a force-pump, and by its action the water fails upon the fire in the form of a shower of rain, which is instantaneously absorbed by the flames. Now, in order that the water can be employed with success, it is necessary that the diameter of the ordice through which the water escapes should be considerably enlarged, which would be impossible, for two very intelligible reasons,—the first is the insufficiency of the motive power; and the second, that if the orifice were enlarged to 4 inches in diameter, the water issuing from it would form no more than a sheaf-like fountain, and the whole of the force-power would be wasted. Bastier's chain-pump, which has already been successfully adapted to mining, marine, and domestic purposes, seems to be the only pump that see it is portable, and easily put in position for work, whilst no other support is required than the wall of the burning building, and any quantity of water may be raised to any height. As soon as the requisite height has been attained, the water can be conducted in any direction by affixing a tube to the reservoir; and it cannot be supposed that a firs, however fearful in extent, could resist the extinguishing power of a continuous body of water, 5 or 6 inches in diameter, pouring like a river upon the fiances. Mr. Bastier proposes the most effective and complete remedy for those fearful calamities which are familiarly called "fres." By the use of his system of pum Notice to Fire Insurance Companies-Bastier's Chain-Pump.

London may henceforth sleep in peace, or, at least, free from dreams that the sword of destruction, in the shape of fire, is hanging over his life and property. Mr. J. U. Bantier, C.E., of 19, Manchester-buildings, Westminster, will be glad to furnish any further particulars upon the subject to those interested on communicating with him.

THE THICK COAL MINING OF SOUTH STAFFORDSHIRE.

At the meeting of the Northern Institute of Mining Engineers, held in Birmingham, last week, Mr. Henry Johnson, of Dudley, mining engineer read a very interesting paper upon "The Mode of Working the 'Thick or Ten-yard Coal," peculiar to the South Staffordshire dirtrict. As the peculiarities of the district are different from those of the North mining dispeculiarities of the district are different from those of the North mining district, and, as much of the matter is undoubtedly new, we subjoin a resumé of the paper in question. Mr. Johnson began by giving a description of the layers or beds comprising the great seam of coal called the "thick coal," and the various depositions, with their thicknesses, are subjoined—the term reade use of being those components the provinced districts alleded to made use of being those common to the provincial districts alluded to. First in order comes blue shale roof, then-

Thickness. "Stint," or cutting for day's work 13 ft. 6 in. 13 6 21 0 9 0 9 0 21 0 21 0 Coal. White coal
Lambs ...
Tow coal ...
Brazils ...
Foot coal,or John coal ,
Slips ...
Hard stone, parting ...
Stone coal ...
Coal
Slipper and sawyer ...
Bench bat, parting ...
Benches ...
Coal Top 1 ft. 3 in.... 4 0 0 2 0 6 0 26 6 (Floor dark fire-clay, full of stigmaria fie

The faces or natural cleavage of these beds varies, the cleavage of one bed being distribution of the one lying above or below it.

This section is taken from the Heath Pit, West Bromwich, one of the

This section is taken from the figure 11, we see Dromwich, one of the pits the members of the institute descended. Mr. Johnson then went on to describe the first and successive operations of working the seam. He stated that the width of the shafts sunk in the South Staffordshire district stated that the width of the shafts sunk in the South Staffordshire district was on an average 7 ft. in diameter in the clear between the 4½-in. brick lining, set in mortar, which was universally adopted. The shafts were always circular, and not square or oblong, as was the case in some other mining districts, and they were always sunk in pairs, one being about 10 yards distant from the other—no bratticed shafts being used. The two shafts being sunk through the seam, and a "sump" below when necessary, a gate-road is driven from one pit bottom to a convenient and suitable part of the boundary. Sometimes the extreme deep is preferred, whilst, with some colliery owners, the nearest and cheapest route to the boundary is adopted, for the sake of a speedy return of the capital expended. This gate-road is driven 9 ft. 6 in. wide, and is about 12 feet high, which takes the benches, slipper, and sawyer, stone coal and hard stone parting. the benches, slipper, and sawyer, stone coal and hard stone parting. Sometimes the slips break down, thereby making the whole height 14 ft. During the driving of this gate-road an air-head, for the purpose of ventilation, is driven alongside, and 5 yards from the gate-road, with "spouts," or "thurlings," about every 15 or 20 yards, or much nearer, according to or "thurlings," about every 15 or 20 yards, or much nearer, according to circumstances, each back spout being successively dammed up as the gateroad proceeds. The pit bottom is usually "belled" out a little, and the inset, or "pit eye," made higher and wider than in a common gate-road. This being done, the gate-road is proceeded with. One workman, called a pikeman, holes away the benches and bench bat, about 2 ft. 3 in. high and 3 ft. 6 in. wide, and 6 ft. "in," for a day's work, for which "stint" heis paid 3s. 6d. (Three years ago it was 5s.) Another man follows the pikeman, and cuts 2 ft. 3 in. high, 6 ft. wide, and 6 ft. high, for the same money, or they will "throw their work together," and each take it 4 ft. 9 in. wide and 6 ft. "in." This operation is proceeded with until 10 or 15 yards in length of holing is done, when cutting the slipper and sawyer is commenced, which "in." This operation is proceeded with until 10 or 15 yards in length of holing is done, when cutting the slipper and sawyer is commenced, which will be hereafter explained. During the driving of one-half the 10 or 15 yards of gate-roading a lad, from 12 to 15 years old, is employed with an iron rake and basket to carry away the coals and slack produced by the two men, and his wages would be about 2s. 6d. per day of 10½ hours, for one and a half day of the pikemen, and for the remaining distance two boys would be required to keep the dirt clear. The butty, or charter-master, finds these pikemen all tools and candles, and two quarts of pit beer per day, so that a good and quick workman, who can do two days stint in one pikemen all tools and candles, and two quarts of pit beer per t a good and quick workman, who can do two days stint in one

day, so that a good and quick workman, who can do two days stint in one day, would be a saving in candles and beer. The beer, it may be mentioned, is supplied at 14d. per quart, and is always allowed to the workmen in the thick coal, and half that quantity in the thin seams. The price paid to the men for cutting 6 feet long and 4 feet 3 inches thick is 3s. 6d., and the allowances the same as in the holing.

After some details of minor importance, Mr. Johnson went on to elucidate the process of constructing the air-heading. This, he remarks, which communicates with the upcast shaft, and is intended to ventilate the gateroad and the workings connected therewith, Is driven 3 ft. 6 in. wide, and about 3 ft. high; in some cases 4 ft. × 4 ft. The roof of the air-head is on the same level as the roof of the gate-road, and serves to ventilate it in an effectual manner. The stint for a pikeman in driving the air-heading is 3 ft. 6 in. high, 3 ft. 6 in. wide, and 4 ft. in for a day's work, 3s. 6d., with the same allowances as in the holing. Some remarks about "opening the work" are illustrated by diagrams ingeniously drawn, which refer to a side of work of four pillars, or a "nice little side." The same diagrams show the plan of constructing the "bolt-holes" from the gate-road, the a side of work of four pillars, or a "nice little side." The same diagrams show the plan of constructing the "bolt-holes" from the gate-road, the "getting of bottom coal," and other working. After describing this very elaborately, he proceeds to remark upon the "cutting the top coal." He then says, after the top slipper is cut and drawn out, which is often a matter of congratulation, the roofs are, in the words of the collier, said "good by to." and never expected to be realised, but sometimes they break by congratulation, the roofs are, in the words of the collier, said "good bye to," and never expected to be realised; but sometimes they break down of their own accord, without the superincumbent strata following, and then no time is lost in getting them out of the way, which would leave the side of work or chamber more like a coal quarry than a coal pit. It is not always the case that the bottom coal is got out in the uniform progress, or that the top coal is cut in towards the bott-hole in the order set forth, as much depends upon the nature of the demand for the different as much depen ties of the coals. nuch depends upon the nature of the demand for the different of the coals. Generally speaking, the top coal is commenced to in before the bottom coal is all cleared out nearest the bolt-holes be "cut" in before the bottom coal is all cleared out nearest the bolt-holes, in order to mix the different qualities, to meet the varied requirements. In cutting the top coal in large sides of work, where there is great demand, cutting of two measures, making together 6 or 8 ft. thick round, four or five pillars are made, and large quantities of coal are "thrown" together—as much as 2000 or 3000 at one drop have been seen, the effect of which is to make the floor of the mine tremble as with a partial earth-quake. Both the roof and floor of the thick coal vary considerably, and either one or the other, if of an unfavourable character, as a matter of course influences not only the size of the sides of work, but the width of the openings and size of the pillars, and the cost of getting, &c.; as, for instance, a gate-road in the Park-head coal would stand better for seven years than one in the West Bromwich coal would for seven months.

By the time the top coals are brought back, and pretty well thinned over.

By the time the top coals are brought back, and pretty well thinned over, the holt-hole then comes a precarious operati incheloie then comes a precarious operation, as the name of the "outlet" implies, for never was an aperture more rightly christened. Near the finishing of a side of work, by looking up over the mouth of the bolt-hole, will be seen some known good plucky workman perched up on a scaffold some 20 feet high from the ground, cutting the last remnant of white coal, or top slipper, almost breathlessly hearkening to every blow of his pike. When he hears the coal begin to stir, he manages to scramble down and get safe into the bolt-hole, as the falling coal sometimes scrape his heels. After the side of the work is thus finished, a refuse dam is put into these bolt-holes and in the air-head, and a good strong brick and mortar wall put ead, and a good strong brick and n bolt-holes and in the air-head, and a good strong brick and mortar wan put on the wind side, being cut deep into the floor sides and top of the bolt-hole, which is intended to hermetically seal the side of the work just finished; and this precaution is taken immediately the last coals are drawn out. After some remarks upon the "Opening of New Work," illustrated in the diagrams, the paper alludes to "Fire Stink;" this, it says, would perhaps more properly be termed "spontaneous combustion, or sulphuretted hydrogen," is nowhere so troublesome as in the thick coal of South Staffordshire, and it is nowhere so troublesome as in the time told of South Stanfordships, and it is pretty much confined to that seam which ranges from 8 to 12 yards in thickness. This is a great source of trouble, and though it is impossible entirely to remove it, yet it may be to some extent mitigated, but that is all. In a land sale pit, where the produce was consumed wholly for household purposes, and no communication with rail or water, the floor of the communication with rail or water, the floor of the wn to be covered to the extent of 60 or 80 acres with from 3 to 4 yards thick of worthless slack, and this very much settled the question so often raised, that because coal was a certain thickness the produce could not always be proportionate. e question so often raised, that because coal was a certain thickness the oduce could not always be proportionate.

Speaking of the gases, Mr. Johnson says that the gases most prevalent

and troublesome here are sulphuretted hydrogen and carbonic acid; the pecially in the second working of the thick coal, or what is and pillars." Indeed, so uncertain is the action of these termed "ribs and pillars." Indeed, so uncertain is the action of these gases, that the horses have to be drawn up at night if the wind happens to be veering round to south-west; and when plump in that point, with a corresponding fall in the barometer, it is certain to "put the pit to stand" from choke-damp. Carburetted hydrogen, or what the colliers call "sulphur," is rarely of any moment. In new districts, or where it is pent in by faults or dislocations, it is developed, but not then in extraordinary quantities. The ordinary test for it is a common Davy, with the addition of an extra gauze, the men having great faith in a single but not in a double one. After alluding to the old practice of using a candle attached to a string, to remove any accumulation of gas in the mine, instead of the Davy now adopted, Mr. Johnson went on to comment upon the produce per acre, remarking that almost innumerable circumstances governed the yield, and the proportion of coals, lumps, and slack, so that it was almost impossible the proportion of coals, lumps, and slack, so that it was almost impossible to lay down any reliable data by which an accurate account could be obtained. The "ton" weight of coals in this district was a misnomer—there tained. The "ton" weight of coals in this district was a misnomer—there was no such thing; there was a something which was entered in the sales books, and paid for as a ton, but it was a "parcel," containing about 1½ ton; and mining engineers in the district were often asked by their employers how it was that only a certain quantity of coal had been realised per acre. Before estimating the produce of thick coal per acre in any pleyers how it was that only a certain quantum per acre. Before estimating the produce of thick coal per acre in any particular colliery, it would be necessary to ask the following quetions:—
Is the coalowner compelled to sell for cash? If he is, the buyer will get his discount and great overweight also. Does he load coal dealers boats? If he does, he must suffer in the weight, because many of them can afford to retail the coals, after fetching them 7 or 8 miles, at less price can afford to retail the coals, after fetching them 7 or 8 miles, at less price can afford to retail the coals, after fetching them 7 or 8 miles, at less price can afford to retail the coals, after fetching them 7 or 8 miles, at less price can afford to retail the coals, after fetching them 7 or 8 miles, at less price can afford to retail the coals, after fetching them 7 or 8 miles, at less price can afford to retail the coals. boats? If he does, he must suffer in the weight, because many of they, can afford to retail the coals, after fetching them 7 or 8 miles, at less prize than they cost at the pit. Does he supply his own iron-works? If he does, the manager will have a very "big" ton if he can. Is the mine his own, or does he work it on a royalty? If the former, he will get cut more per acro than if it belonged to somebody else. There are also other considerations, such as is the thickness 7 yards or 10? Is the mine unduleted with faults and dislocations? dulated with faults and dislocations? Was the coal got during good or bad trade, because that will make a difference of above 10 per cent, in the produce per acre; so that the produce of the 10-yard coal varies from 12,000 to 20,000 tons per acre. In the second working (ribs and pillars) the produce would range from 3000 to 7000 tons per acre. As to the portions of coal, lumps, slack, &c., Mr. Johnson gave the following extremes which came under his notice:—

What made the matter worse was that the 30-acre colliery produced 19,000 tons (or parcels) per acre, and the other colliery only 13,000 tons per acre, so that the first-named proportion would be 370 per cent, and the yield 106 per cent, better than the other. Speaking of the high "royalties" paid in the district, Mr. Johnson mentioned a case he knew some time ago where the tenant was paying upon best coal within a fraction of 5s, per ton, and on fine sleek secretion. per ton, on lumps nearly 3s, per ton, and on fine slack something over 1s, per ton. This was in the first instance 199 per cent. higher than the cost of getting and raising the coal; in the second case, 33 per cent.; and in the last, 145 per cent. Such cases were not general, but it was a sample of a great section, and, therefore, it was no wonder the iron trade was said to be leaving the district. The lax mining discipline of South Staffordlast, 145 per cent. Such cases were not general, but it was a sample of a great section, and, therefore, it was no wonder the iron trade was said to be leaving the district. The lax mining discipline of South Staffordshire was another cause of the increased cost of producing the raw material. Mr. Johnson concluded by referring to the Parkhead section, the finest seam of coal in Europe, and to the Clay Croft open work of the Earl of Dudley, 12 yards and 2 feet thick, which had produced 40,000 tons per acre, to the faults to be found in thick coal, and to the mode of ventilation adopted in the district, which, he said, was not required to be so abundant as in the northern districts, because an undue current of air in a rib and pillar working for 12 hours would, in all probability, cause "fire stink" to break out, when the usual caution would have prevented it. The paper was very attentively listened to throughout, and the President of the Institute at its close moved a vote of thanks to Mr. Johnson.

Her Majesty's Commissioners for the International Exhibition of 1862 have requested the following gentlemen to act as a committee in connection with Class 1 (Mining, Quarrying, Metallurgy, and Mineral Products) in the coming Exhibition:—Sir R. I. Murchison, D.C.L., F.R.S.; Profs. Warington Smyth, F.R.S.; Percy, M.D., F.R.S.; Ramsay, F.R.S.; Masskelyne, F.R.S.; Messrs. Hussey Vivian, M.P., Sam. H. Blackwell, Nicholas Wood, Thomas Sopwith, F.R.S., R. B. Grantham, and J. Rawson Barker.

SCOTCH PIG-IRON TRADE.—The last weekly return of the shipments of Scotch pig-iron again affords evidence that the trade, which in the months of April, May, and June exhibited an extraordinary degree of activities and the state of the state eived a decided check. It will be interesting course which shipments have taken during the present year, from Jan. 1 to July 27. In the first six months of 1861, as compared with 1860, the

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Thus, notwithstanding the check observable during the past formight, the shipments in the month ending July 27 reached a total of 48,304 tons, against 47,846 tons in the corresponding four weeks of 1860, showing a further increase of 458 tons; the total shipments this year having been 353,974 tons, as against 310,504 tons in 1860.

THE WINDING-UP ACT IN IRELAND.—A case of considerable importnee to the members of the Stock Exchange, and to that large portion of an epublic who may be disposed to invest their capital in undertakings in the sister country, has just been decided by one of the Masters in Chancer a Dublin. The facts of the case afford a curious illustration of the mode in Dublin. The facts of the case afford a curious illustration of the mode in which legal business is conducted in Ireland, and give additional force to the motion made in the House of Lords by Lord Clanricarde, for a commission of enquiry "into the constitution, practice, and procedure of the Common Law and Equity Courts in Ireland." The case arose out of the winding-up of a company formed in 182 with a capital of 20,0001., to work what were described as the Mizen Head Mines, Ireland. Owing to some difficulties as to the locality or value of these mines, or some other cause, the company was, shortly after its formation, ordered to be wound-up, and in the month of April last the outstanding uncollected calls, amounting to 11,8851, were sold for the sum of 15t., and applications were immediately made to persons whose names had been placed on the list of contributories, and, among others, to Messra, Mackie and North, stock and sharebookers, of 29. Threadneedle-street. This firm disjuted their lisbility as sharebolders, and, by order of the Master of the Rolls, the claim was re-opend. On the hearing of the case it was proved by affidavits and evidence that the London solicifor sof the company, in February, 1853, gave Messrs. Mackie and North, as stock and sharebrokers, 1000 shares in the company to sell for and on account of the company. That of these shares they returned 250 unsold, and sold the remaining 750 between March 30 and April 5, 1853, and on April 16, 1853, gave Messrs. Mackie and North, as stock and arm of 3751, the amount of the proceeds, less commission. That never, directly or indirectly, had they (Messrs. Mackie and North) purchased or held, as sharebolders, and shares in the company, or signed any document in reference to shares in the company, or signed any document in reference to shares in the company, or signed any notice of the winding-up proceedings, until they received Mr. Roeenthal's application last May. On the other side, it was conceded that notice had not been served on them as to the list of contributories, but it was relied on the that advertisements of it had been published in the newspapers, and that in 1858 Mr. Murdock Green was appointed by the Master to attend the proceedings in the Masters office on behalf of the contributories generally, and that, in a legal point of view, Master and North had constructive notice. Mr. Green's parmer being now solicitor in this matter for them, it was alleged that the 1000 shares were not given to Masters and that the money stated to have been paid by them was not paid as proceeds of the sale for the company, but as deposit on these shares, and that no transfer of the shares of the company company, but as deposit on these shares, and that no transfer of the shares of the some payment to them of commission thereon appeared in the books. Mr. Mackie attended to be examined with the books of his firm. He verified the entries in the scrip and account books respecting the 1000 shares, and positively denied ever having had to do with the shares of this company except in the character of broker. He was subjected to a long and searching cross-examination by the counsel for Mr. Roeenthal. After hearing counsel, the Mast on the hearing of the case it was proved a mildaviral and wideline that the Lon ors of the company, in February, 1853, gave Messers, Mackie and North, as tharebrokers, 1000 shares in the company to sell for and on account of the Fluid of these shares they returned 250 usualoid, and sold the remaining of the March 30 and April 5, 1853, and on April 16, 1853, gave to Messers. Long and On the hearing of the ca

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no hesitation in deciding that their names should be removed from the list of contributories, and that Mr. Rosenthalt should pay their costs, including the costs of the Rolis motion, the official manager to have his costs out of the funds. This attempt to make English stock and sharebrokers liable as sharebrokers for calls on shares entrusted to an illusid sharebrokers is liable as the costs out of the funds. This sattempt to make English stock and sharebrokers liable as sharebrokers for calls on shares entrusted to an illusid amount of annoyance, which is by no means compensated by the result of the appeal, and the poor satisfaction of the purchaser of the debts having to pay costs, limited of course to those actually incurred in Ireland.

HUNTINGDON MINE.—An interesting case (which, fortunately for the welfare of mining, is of an unusual character, and in which the verdict was given for the defendant), was heard at the Devon Lammas Assizes, on Monday, and the facts which transpired are certainly not calculated to induce capitalist to embark in mining enterprise, nor to inspire confidence in the integrity of those connected with the promotion and management of mines. Mr. J. Condy, of Devonport, a merchant who supplied materials and the mine of mines. Mr. J. Condy, of Devonport, a merchant who supplied materials to the mine of mines. Mr. J. Harridge pleas of release and satisfaction, and of accord to settle. The fact of Mr. Harriey pleaded that he was not indebted; and also two satisfacts and the same and satisfaction, and of accord to settle. The fact of Mr. Harriey mines a shareholder was proved in the ordinary way; but in the cross-examination of Mr. John Condy some rather curious admissions were made. The mine not turning out so well as had been expected, it was decided to sell the materials by anction, and Mr. John Condy some rather curious admissions were made. The mine not turning out so well as had been expected, it was decided to sell the materials by anction, and incoming the sell of the mines of the

and Mr. Sparkes, were for Mr. Condy—Mr. W. P. Paull, solicitor; and Mr. Turner for the defendant—Mr. Josiah Berry, solicitor.

How Mining is Prejudiced—At the Warwick Assizes, on Thursday, Mr. Wm. Forster, brought an action against Messrs. Taylor and Marsh, for making a malicious and false accusation, whereby he had sustained false imprisonment, and for which damages were now claimed. The facts of the case exhibit a phase in the history of mining companies. They are briefly these:—The plaintiff is an accountant, carrying on various butnesses in Birmingham, where the defendants also reside. The plaintiff, early in 1860, projected the Silver Bank Mining Company, which he introduced to the defendants as being likely to prove a "good thing." Shares were taken in the Silver Bank Mining Company, and the defendants were made directors. Offices for the transaction of the business of the company were taken at plaintiff being house, and he was paid 30f, per annum for office room. He and they also became connected with the Nangiles Welsh Tin and Copper Company, the plaintiff being secretary and the defendants shareholders and directors in this also. There was an unfortunate disagreement between the parties in May or June last year; however, when plaintiff, in his capacity of secretary, presented a cheque for 184. 7s. 5d. to Taylor for signature, he refused to sign it, although Marsh had already done so, and, according to plaintiff case, it was signed by another director, named Ward. The plaintiff was subsequently arrested, detained in custody for a month, brought to Warwick Assizes, and tried for forging Mr. Taylor's name to the cheque. He was acquitted. In consequence of the proceeding, however, he lost his engagents as secretary to the Cornwall South Bog Mining Company, the defiron Company, and the Vale of Clwyd Company.—The jury returned a verdict for the plaintiff, damages 50f., finding that both defendants were equally liable as to the amount of damages to be paid.

LONDON AND COUNTY BANK.

The ordinary half-yearly meeting of proprietors was held at the London Tavern, on hursday, Mr. William Champion Jones in the chair.

Mr. Nichols (the secretary) read the notice convening the meeting and the report of irectors, and the financial position of the corporation (which will be found in our adsisting columns).

The ordinary half-pearly meeting of proprietors was held at the London Tavern, on Mr. Nichola (the secretary) read the notice convening the meeting and the report of directors, and the financial position of the corporation (which will be found in our advertising columns).

Mr. Nichola (the secretary) read the notice convening the meeting and the report of directors, and the financial position of the corporation (which will be found in our advertising columns).

Mr. Nichola (the present meeting in the hall of the new bank in Lombard-street; but the greater general convenience of assembling at the London Tavern until the new premises were completed had led them to forego a wish, the accomplishment of which if practicable would, no doubt, have been gratifying to all parties. He believed that with the result of the business of the six months ending June 30, as shown in the accounts, they would have no reason to feel disappointed. The rate of interest in banking concerns for the past six months had been generally high, and had been so far in favour of banking orders, or the past six months had been generally high, and had been so far in favour of banking orders. On the past six months had been generally high, and had been so far in favour of banking orders, or the past six months had been generally high, and had been so far in favour of banking orders, and the six of the six of the past six months had been generally high, and had been generally and the six of the past six months had been generally high, and had been generally and had been generally made and the six of the s

Air. Nicol, M.P., added that the total loss on the estate of Smith, Sinchair, and Co., neutrino than 8001, or 8001.

The resolution adopting the report and accounts was put, and carrried unanimously. Upon the proposition of Mr. GHENN, seconded by Mr. Cox, a unanimous vote of thanks was passed to the board of directors.

The Chairman, in acknowledging the vote, remarked that the bank was now beyond ill comparison in a better position than it had ever been.

A vote of thanks to the Chairman was passed, the brief acknowledgment of which supplied the proceedings.

Colliery Explosions, and a Means to Prevent Them.—A pamphlet replete with highly-interesting historical narrative and thoroughly business-like smarks, bearing upon colliery explosions and colliery ventilation, has just been issued by Mr. R. H. Hughes, whose invention for vanitiating coal mines upon an entirely new ritem we reterred to a few weeks since, will be read with profit by all connected with colliery management. The system is so totally dissimiliar from any that has hitherto been proposed that it cannot be hoped it will be generally introduced without encountering some opposition; but the inventor very justiy contends that, insumuch as all other systems have failed to accomplish the desired object, his should at least be given a rial before it is condemned as worthless.

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value on the discovery until more developed. The stope is from 25 to 30 ft. wicke, with ribs of ore throughout. The lode in Jones's shaft is worth 3 tons per fathom. It is stated that the mine will now make regular monthly returns.

From Mr. Edward Cooke:—The market as yet does not show any sign of buoyancy, aithough the lowering of the Bank rate will, no doubt, have a beneficial effect on business generally. The standard for copper ore having advanced, will also tend to encourage the hope that a favourable reaction will soon set in, and a better price be obtainable for the produce of mines generally. Several of the most important mines have lessened their returns lately, owing to the prevailing depression; hence it must be inferred that a diminution of profits will be the result. Advantage should, therefore, be taken by those who have spare capital to invest to buy into a fow of our best divided and progressive mines, among which may be named West Caradon, Marke Valley, Carn Brea, Tolvadden, North Miners, Wheal Moyle, Birch Tor, North Grambler, East Wheal Damsel, Tincroft, &c. All these are worth buying into at the current prices, as it is simost certain they will attain higher prices ere long. A good business has been doing in North Miners, although the current price of them is by no means adequate to the chances the mine presents. The future returns of lead will bear us out in what we are now stating. There is no reason why 40 or 50 tons of lead may not be sold monthly, unless it he want of water for dressing purposes, and even this will be obviated when the water-wheel is erected for the purpose of forcing a good supply from a never-falling river. North Minera is destined to become a very important property, and being on the limited liability system, with a considerable balance in favour of the company, and the mine making good profits, renders it an investment of more than an ordinary character. While in the neighbourhood of Minera Mines, a few days since. We took occasion to visit the upper and lower Sycu

TRUTH'S ECHOES; OR SAYINGS AND DOINGS IN MINING.

The Mining Share Market has continued inactive during the week, and a total absence of any saquiries for leading or dividend mines. But there is reason to hope that the present dormant state will not be of long continuances. There being an improved in the present dormant state will not be of long continuances. The usual bi-monthip account-day for shares was on Tuesday, which passed off as usual. There was a short delivery of East Caradon and other shares, and from the system pursued there is every probability of a speedy termination to the rotten practice.

East Caradon and the state will not doubt, produce some business. The usual bi-monthip account-day for shares was on Tuesday, which passed off as usual. There was a short delivery of East Caradon and other shares, and from the system pursued there is every probability of a speedy termination to the rotten practice.

East Caradon shares have been to fing continuances. There was a short delivery of the state of the state of the state of the boundary. These temporary fallings off, however, are taken advantage of by parties whose business it is to buy and sell on speculation, but to the standy holder such changes ought not to unduly influence them. We hope next week to make a few remarks on Wheal Morles, Toty-Appex, &c., from a East Caradon and other shares have been in fair request, notwithstanding the slight decline which followed the report that the lode had failen off in the 60 has improved in the follower, and the boundary. These temporary fallings off, however, are taken advantage of by parties whose business it is to buy and sell on specularities which followed the report that the lode had failen off in the 60 had failen off in the follower. The state of the state of the state of the boundary. These temporary fallings off, however, are taken advantage of by parties whose business it is to buy and sell on special control of the state of the st

ing, and atthough in sympathy with other mines the price of the shares is low, still it is no criterion as to the bona gifes of the property. If the public will secretice good shares during the present depression they will see cause to regret it by-and-bye.

MINING NOTABILIA.

[EXTRACTS FROM ONG CORRESPONDERC.]

SUCCESSPUT. MINING—THE MARAZION DISTRICT.—At Old Fortune Mine, discovered in 1720, a little to the north of Tolvadden, the lode was so rich in quality for a great width that six men could work abreast on ore that averaged 30 per cent.; and at the Negtune Mine, about ½ mile to the east of Tolvadden, the does at one and the state of the country of 20001, still it is not a country of 20001, still it is not of it. The first dividend declared on Negtune was, upon an outlay of 20001, still it is not on outlay of 20001, still it is not one of the consecuence of the still it is not one of the consecuence of the still it is not one of the still it is no

SALE OF MINING PROPERTY BY PUBLIC AUCTION.—On Thursday Mr.
T. P. Thomas sold by public auction, at Garraway's, the Bodcoil Lead Mine, and the
whole of the machinery, consisting of a 40-feet water-wheel, two sets of 7-inch pumps,
&c. The auctioneer stated that the property was one of good promise, and in his opinion
only requires the outlay of a little further capital to fully develope it; the machinery
had been erected under his guidance, and was in good condition. The sett was on the
run of the Frongoch and Lisburne lodes, a fact fully guaranteeing their quality. The
property was submitted in one lot, and knocked down for 521. Mr. Thomas then disposed of the following share:—40 North Minera, at 29s.; 60 ditto, at 29s. 9d.; 12 West
Providence, 1s.; 10 Ribden, 1s. 6d.; 3 East Trofusis, 11.; 2 Caradon Consols, 7½; 15
Vale of Towy, 4s. 6d.; 5 Caddin, 31s.; 10 Pedn-an-drea, 8s.; 10 Tamar Consols, 28s.;
10 Buller and Basset, 4s. 3d. The quiet tone that has pervaded the market for some time
past still prevails, there being hardly any demand for mining stock.

WHEAL FRANCO,—This sett, together with pieces of ground adjoining,
was submitted for sale by public auction, by Mr. Leifchild, at Garraway's, on Thursday;
a sale, however, was not effected. The sett is in the Tavistock district, and held under
leases from Sir Raiph Lopes, one-half of the term being unexpired. The workings of
the present company have produced large quantities of ore, and paid good dividends, but,
owing to the decrease in the capital interest of the company, the shareholders have decided on parting with the whole property, not being able to furnish the required capital
to fully develope it.

COAL MARKET.—On Monday 107 ships arrived. There was a fair demand for all descriptions of coal, at last day's prices. Best house coals, 19s. 6d. to 20s.; seconds, 17s. to 18s.; Hartley's, 16s. to 16s. 6d.; manufacturers', 13s. to 15s. per ton.—On Wednesday there were 74 arrivals, comprising a large proportion of house coals, and to effect sales a reduction of from 3d. to 6d. per ton in prices was submitted to. In Hartley's and manufacturers', no alteration.—On Friday, 25 arrivals. The market for house coal was very heavy, at a further reduction of 3d. per ton. Hartley's and manufacturers' a dull sale, and scarcely so firm in price. Haswell Wallsend, 19s. 3d.; South Hetton Wallsend, 19s. 3d.; Braddyll's Wallsend, 18s.; Hartley's, 16s. to 16s. 6d.; Tanfield, 12s. 9d.: 20 cargoes unsold—115 ships at sea.

Contracts for Coal.—The Admiralty require the supply of the fol-

CONTRACTS FOR COAL.—The Admiralty require the supply of the following quantities of South Wales Coal:—At Sierra Leone, 3300 tons; Fernando Po, 3000 tons; and St. Paul de Loando, 1000 tons. The Admiralty also require a twelve months' supply of South Wales Coal for Her Majesty's steam-vessels in Fayal Roads.

In last week's Journal we alluded to a very questionable transaction on the part of the officials of a mine situated in the Tavistock district. As we understand that reparation is being made, we shall not this week detail the particulars, but should this not prove to be the case, we feel that we should not be discharging our duty if we did not publish every circumstance connected with a transaction so inimical to the interest of legitimate mining enterprise. In the meantime, we trust that the gentleman referred to will not pay one farthing towards the legal expenses thus incurred, which will, doubtless, in a great measure prevent the parties from again venturing upon similar proceedings.

The Compressed Coal Company has, we understand, met with a con-siderable amount of support, nearly the whole of the shares having already been sub-scribed for. The directors have given notice that they will proceed to the allotment of shares on Friday next.

shares on Friday next.

LEEDS, AUG. 1.—In the Mining Market a slight improvement has taken place, and enquiries have been more numerous, although the actual amount of business done has not been great.—Brea Consols, 18s. to 22s.; Cornubia, 16s. to 20s.; Craven Moor, 3s. to 4s.; Merryfeld, 3s. 6d. to 4s.; Nidderdale, par; North Hallenbeagle, 25s. to 30s.; Wensleydale, 7s. 6d. to 8s. 6d.

Nidderdale, par; North Hallenbeagle, 25s. do 30s.; Wensleydale, 7s. 6d. to 5s. 6d.

Nidderdale, Dear Hallenbeagle, 25s. do 3s.; Nidderdale, par; North Hallenbeagle, 25s. severance level in this mine was cut on July 22, when rich metal was broken out, giving every indication of being very productive. The auditors and a party of the shareholders have since visited the mine, and were highly pleased with the discovery. Some of the gentlemen fired a pitch themselves and cut some rich ore. We have been informed that the vein continues to improve, and that the shareholders are in great spiritis in consequence. They are raising good ore from Sir Thomas's shart, and expect to have another smelting of lead in a few days.—Jour Gledenilla AND Co.

Mining on Scoricand.—An attempt is being made, it is said with every

MINING IN SCOTLAND.—An attempt is being made, it is said with every prospect of success, to revive the working of old copper mines on the estate of Major Darroch, in the neighbourhood of Greenock.

506 Compressed under the 19th and 20th Vic., cap. 47, and 20th and 21st Vic., cap. 14, whereby the liability of the shareholders is limited to the amount subscribed.

Capital £100,000, in 50,000 shares of £2 each, with power to increase. Deposit, 5s. per share on application, 15s. per share on allotment. The Hon. F. HENRY F. BERKELEY, M.P., Bristol; Victoria-square, Pimilco, S.W. The Hon. F. HENRY F. BEBRACKET, and the Charman.

A. P. CLAYTON, Esq., Seven Oaks, Kent.

Sir JAMES DOMBRAIN, K.B., Dublin.

ROBERT FORD, Esq. (Messrs, Ford and Jackson), London and Milford Haven (Milford Haven, Cork, and Waterford Royal Mail Steam Packet Company).

The Lord GEORGE HILL, Ballyhare, Ramelton, Ireland.

Capt. H. J. JORDAN, The Beomonds, Cherisey.

Sir CHARLES KIRKPATRICK, Bart., of Closeburn, Dumfriesshire.

General T. E. M. MASON, Brompton, S.W.

JAMES PROTHERGE, Esq., Merchant, Bristol.

SYLVANUS PADLEY, Esq., J.P., Colliery Proprietor, Swansea.

T. W. RANKIN, Esq. (Director of the Bristol and South Walcs Union Railway Company), Bristol. pany), Bristol.

WILLIAM DAVIES STEPHENS, Esq. (Messrs. Laing and Stephens), Steam Ship
Owners, Newcastle-on-Tyne.

BANKERS. AM DAVIES SLETHERS,
S. Newcastle-on-Tyne.

BANKERS,
Bristol and West of England ... Messrs. Stuckey's Banking Company.
London ... The City Bank.

Solutions. Owners, Newcastie-on-type.

Bristol and West of England ... Messrs. Stuckey's Banking Company.
London ... The City Bank.

Soluctrons.
London... Thomas J. Stubbs, Esq., 46, Moorgate-street, City.
Bristol ... Alfred Henderson, Esq.
Cardiff ... Clement Waldron, Esq.
Swansea ... Richard A. Essery, Esq.
Brokens.
London... Messrs. Froom Brothers, Change-alley, Cornhill.
Bristol ... A. F. Morcom, Esq.
Manchester ... J. Gorton, Esq.
Manchester ... J. Gorton, Esq.
Manchester ... J. Gorton, Esq.
Dublin ... Messrs. J. and J. Stevens.
Belfast ... Messrs. J. and J. Stevens.
Belfast ... Messrs. J. The Messrs of Chemistry, Bristol.
Consulting Mining Engineers of Professor of Chemistry, Bristol.
Consulting Mining Engineers of England And South Walks Districts
Alexander Bassett, Esq., C.E., Cardiff,
Engister.—Mr. J. D. Humphreys.
Sechetarn.—Mr. W. Baldock.
OFFICES,—14 AND 15, ST. SWITHIN'S LANE, LONDON, E.C.
The object of this company is to carry out the process of compressing small coal into blocks, without the admixture of extrancous cohesive matter; for this purpose the exclusive ase of several valuable patents has been secured on very favourable terms.
By this process the immense quantity of slack or small coal annually wasted is rendered not only equal, but in many important points superior, to the ordinary coal or any artificial fuel at present manufactured.
This field is applicable for maritime, manufacturing, and domestic purposes, and special advantages are held out to shareholders.
Applications for shares may be addressed to the secretary, brokers, and solicitors of the company, and must be accompanied either by a remittance or a banker's receipt for the amount of 5z, per share on the number of shares applied for. Three months' notice of future calls will be given.
Detailed prospectuses and all information may be obtained on application at the offices of the company.

NOM PRESSED COAL COMPANY (LIMITED).—Notice is

COMPRESSED COAL COMPANY (LIMITED).—Notice is hereby given, that the DIRECTORS will PROCEED to an ALLOTMENT of SHARES in this company on and after FRIDAY, the 9th August.

By order of the Board,
14 and 15, St. Swithin's-lane, London, E.C., July 31, 1861.

LONDON AND COUNTY BANKING COMPANY.

Subscribed Capital £1,250,000, in 25,000 shares of £50 each.

Paid-up Capital £500,000.—Reserve Fund £125,000.

THOS. TYRINGHAM BERNARD, Esq.,
M.P.
PHILIP PATTON BLYTH, Esq.
JOHN WILLIAM BUMESTER, Esq.
CHARLES BALISBURY BUTLER, Esq.,
M.P.
WILLIAM CORY, Esq.
JEAD OFFICE — 91 LOWARD STREET

DIRECTORS.
JUNE 1000 JUNE 1000 JONES, Esq.
WILLIAM ICHARLIS, Esq., M.P.
WILLIAM NICOL, Esq., M.P.

HEAD OFFICE,—21, LOMBARD STREET.
(At present temporarily at the South Sca House, Threadne At the HALF-YEARLY MEETING of the proprietors, held on Thursday, the 1st of August, 1861, at the London Tavern, Bishopsgate-street, the following report for the half-year ending the 30th of June, 1861, was read by the sceretary. WILLIAM CHAMPION JONES, Esq., in the chair,

WILLIAM CHAMPION JONES, Esq., in the chair.

REPORT.

Your directors have the pleasure to lay before the proprietors of the bank their report and balance-sheet for the six months ended on the 30th of June last.

These accounts have been examined and signed by the auditors. They show a nett profit for the half-year of £44,473 3s. 3d., after payment of interest to customers (£47,451 0s. 5d.), and of the expenses at the head offices and branches, income tax, beate on bills discounted and not due, and making provision for bad and doubtful debts. Your directors have declared a dividend of 5 per cent. for the half-year out of the nett profit, as above stated, and carried forward the balance of £19,473 3s. 3d.

The dividend will be payable at the head office, or any of the branches, on and after Monday, the 17th inst.

day, the 12th inst. BALANCE-SHEET OF THE LONDON AND COUNTY BANKING COMPANY, JUNE 30, 1861.

3,728 14 11 162,121 8 8=

Total£6,764,198 16 8 Cash on hand at head office and branches ... £ 658,559 1 9 Cash placed at call and at notice 593,401 4 7 = £1,251,960 6 Investments—
Government and guaranteed stocks ... 699,042 14 5
Other stocks and securities ... 110,009 17 11=
Discounted bills, notes, and temporary advances to customers in town and country ... 4,188,096 15 7
Advances to customers on special securities ... 321,655 0 6=
Freehold premises in Lombard-street and Nicholas-lans, freehold and leasehold property at the branches, with flutures and fittings Interest paid to customers ... Salaries and all other expenses at head office and branches, including income tax on profits and salaries ... 809,052 12 4,509,751 16

90,687 9 8 47,451 0 5£6,764,198 16 8 Total
PROFIT AND LOSS ACCOUNT.

Expenses, as above
bate on bills not due, carried to new account
ividend of 5 per cent. for the half-year
lance carried forward 47,451 0 5 55,295 11 10 18,630 8 1 Balance brought forward from last account£ Gross profit for the half-year, after making provision for bad and doubt-ful debts 3,728 14 11

C. JONES, Chairn The Chairman having quitted the chair, it was resolved and carried unanimously:

That the cordial thanks of this meeting be presented to William Champion Jone
Esq., for his able and courteous conduct in the chair.

Signed, P. P. BLYTH, Deputy-Chairman
Extracted from the Minutes, Signed, R. P. NICHOLS, Secretary.

ONDON AND COUNTY BANKING COMPANY.

Notice is hereby given, that a DIVIDEND on the Capital Stock of the company, of FIVE PER CENT., for the half-year ending the 30th June, 1861, WILL BE PAID to the proprietors, either at the Chief (temporary) Office, South Sea House, Threadneedle-street, or at any of the company's branch banks, on and after Monday, the 12th inst.

By order of the Board, W. McKEWAN, General Manager, South Sea House, Threadneedle-street, August 1, 1861.

LONDON AND COUNTY BANK.—Notice is hereby gived that the RATE OF INTEREST allowed upon DEPOSITS at the Head Office at that the RATE OF INTEREST allowed upon DEPOSITS at the Head Office to popultan Branches is this day REDUCED TO FOUR PER CENT. per annum. August 1, 1861.

August 1, 1861.

W. McKEWAN, General Manager.

A LBERT AND MEDICAL LIFE ASSURANCE,
7, WATERLOO PLACE, PALL MALL, LONDON, S. W.

Established 1838.

The business of the Medical, Invalid, and General Life Assurance Society having been amalgamated with the Albert Life Assurance Company, the united business will henceforth be carried on under the above title.

Accumulated fund exceeds

Accumulated fund exceeds

Accumulated fund exceeds

Accumulated rander the above title.

Accumulated rander the above title.

Accumulated rander the above title.

Accumulated fund exceeds

Accumulated fund

In the Court of the Vice-Warden of the Stannaries Stannaries of Devon

In the Cause of WEBBER v. GOYEN

In the Cause of WEBBER v. GOYEN.

TENDERS, stating the highest price that will be given for the following MACHINERY, MATERIALS, and EFFECTS now being at and upon the DEVON GREAT WHEAL ELIZABETH MINE, in the parish of Widdicombe, within the said Stamaries, and belonging thereto, viz.—30 ft. iron WATER WHEEL, & ft. breast, with cranks; 1 T bob shears, with pullies, 60 ft.; 24 fms. of 11 in. pumps, 2 10 in. working pieces, 212 in. doorpieces, 24 fms. of 10 in. bucket rods, capstan, 100 fms. of 9 in. rope, 50 fms. of rods, pullies and stands, and 50 fms. of chair, borse whim, 24 fms. of 10 in. bucket rods, a quantity of new shim, 24 fms. of indders, kibbles, 50 fms. of launders and stands, crab winch, 2 wheels belonging to freegine, and brass working pieces, bellows, smiths' tools, a quantity of new and old fron, steel, timber, rope, several iron blocks for ½ in. chain, new lifting jack, large grinding stone, new shovels, beam and scales, small ore crushers, account-house furniture, and a variety of other effects in general use in mines, will be received at the Registrar's office, Truro, until the 18th day of August next.

Further information may be had on application to the officer of the Court in possession on the mine.—Dated Registrar's Office, Truro, July 30, 1881.

SALE OF MINING SHAR 2S.
RHEIDOL UNITED MINES, NEAR DEVIL'S BRIDGE, CARDIGANSHIRE. MESSRS. C. AND H. GILLARD are instructed to SELL, BY
AUCTION, at the Swan Hotel, Stafford, on the 5th day of August next, at Four
o'clock in the afternoon, the following SHARES in the above company:—
Lot 1.—THREE HUNDRED AND SEVEN SHARES,

1.—THREE HUNDRED AND GEVEN STANDARD .
2.—EIGHTY SHARES.
3.—THIRTY SHARES.
4.—TWENTY-FIVE SHARES.
se shares will be sold on the condition that 3s, per share of the purchase money by printed for the payment of the calls now due and in arrear upon them, and the purchase for the payment of the calls now due and in arrear upon them, and the purchase for the payment of the calls now due and in arrear upon them, and the purchase for the payment of the calls now due and in arrear upon them, and the purchase for the payment of the calls now due and in arrear upon them. chaser will incur no expense whatever in conveyance

VALUABLE MINE MATERIALS FOR SALE.

MR. WILLIAM HANCOCK WILL SELL, BY AUCTION, on Wednesday, the 7th day of August, 1861, at Eleven o'clock in the forence, at ST. DENNIS CONSOLS MINES, in the parish of St. Dennis, near St. Austell, Cornwall, the VALUABLE MACHINERY and MATERIALS thereon, comprising—ONE 46 in. cylinder ROTATORY ENGINE, with TWO BOILERS, nearly new, about 26 tons.

about 29 tons,

TWO FLY WHEELS, with shafts, plummer blocks, &c., complete, about 26 tons
TWO 9 ft. FLY WHEELS for pumping, with brasses, plummer blocks, &c. Four cast
iron stamps' axles attached, with 40 heads, frames, and lifters complete.

11 9 ft. 8 in. pumps.
13 9 ft. 9 in. ditto.
1 9 ft. 12 in. ditto.
1 10 ft. 8 in. plunger pole, with case, and stuffing box and gland.
1 10 ft. 8 id. in. working barrel.
1 12 ft. 8 id. in. ditto.
1 6 ft. 8 in. windbore.
1 9 ft. 8 in. ditto.
1 9 ft. 7 in. ditto.
1 9 ft. 7 in. ditto.

1 each 12 in., 9 in., and 8 in. matchin pieces.

1 7½ ft. 10½ in. doorpiece.

1 2 ft. 9 in. 8 in. 10 door and do

1 2 ft. 9 in. 8 in. II piece.

Capstan and shears.

Capstan and shears. 80 fms. of 11/4 & 11/4 in. iron bucket rods 3 horse whims. 30 fms. of shaft rods, 9 in. by 7 in.

1 9 ft. 7 in. ditto.

Balance bob, with strapping plates complete; several pairs of connecting plates and strapping plates; several flat-rod, whim, and other shieves; several tons of chain, 36, 36, 36, and 1 in.; fron and wood tram wagons, railroad fron and saddles, tram wagon wheels, staples, glands, and yokes; plummer blocks, steam pipes, large pair treble blocks, small pair treble blocks, and plummer blocks, steam pipes, large pair treble blocks, small pair treble blocks, winch, finage plns, rod pins, boits and burs, clack and bucket seatings, 10 in., 9 in., and 8 in. buckets; ladders, 50 fms, of 7 in. and other launders, 100 fms. 5 in. wood pipes, 42 in. and 34 in. smiths' bellows, 1 portable bellows, anvils, smiths' crane, taps and plates, screwing and punching tools, amiths and miners' tools, 2 in. drop screws, spanners, beams, scales, and weights; crosscut and other saws, cistern, bolier plates, large quantity of new and oid iron, lifting jack, brass bell with stand, all the materials of the tin-dressing floors and tools, with kieves, large tin chest, grinding stone, carpenters' benches, 36 tons of coal, 11 dozen miners' cadles, powder, snfety-fuse, powder cans, new timber and plank, new cofer plates and grate frames, grate plates, stamps' guides, cams, iron lifters, large new crank, cog wheels, wheelbarrows, hemp, leather, tallow, oil, tar, nails of different sizes, showels, hilts, miners' chests, cast-steel borers, crate of window glass, quantity of wrought and cast scrap iron, old and new brass, lead, &c.: 62 reed covering frames for china-clay, mica pits, 2 new china-clay shods, 40 ft. by 20 ft., with slated roots; a quantity of useful timber, in lots; a Whitechapel scrat and harness, sadden and bridle, cart and harness, and the whole of the accounthous furniture.

Also, the LEASE of the MINE, held for a term of 21 years, from 26th December, 1859,

furniture.

5, the LEASE of the MINE, held for a term of 21 years, from 26th December, 1859, 0th dues; and the LEASE of the CHINA CLAY and STONE WORKS, held for me term, at the dues of 1s, per ton on 500 tons and upwards, with a minimum rent per annum.

WILLIAM HANCOCK, Auctioneer.

ed July 23, 1861. Agent to the Royal Exchange Assurance Corporation £25 per annum. Dated July 23, 1861.

CARDIGANSHIRE.
THE BRYNGLAS SILVER-LEAD MINE.

THE BRYNGLAS SILVER-LEAD MINE.

M. R. WILLIAM HALL is instructed to sell the above,
BY PUBLIC AUCTION, at the Fox Hotel, Shrewsbury, on Thursday, the 15th
August, 1861, at Two o'clock punctually, in One Lot.
The property, which is situate about 12 miles from the port of Aberystwith, and adjoining the mail road to that place, comprises the BRYNGLAS SILVER-LEAD MINE,
and the whole of the recently-erected and very VALUABLE MACHINERY (in excellent
condition) and MATERIALS, comprising a WATER WHEEL, 36 ft, by 4 ft. breast; a
crusher, complete; a drawing machine, 28 fms. of 2 in. rods, chain and kibbles, 25 fms.
of 8 in. pumps, 25 fms. of 1 ladders, 7 new jiggers, all complete; slime troughs, 7 ewis,
cast-steel, 1 ton bridge rails, miners' tools, &c. Also, a counting-house, blacksmiths'
shop, and other buildings.

ast-steel, I (on bridge rails, miners tools, etc. Land, a volume, the hop, and other buildings.

The engine-shaft is sunk 26 fms. from the surface, and driven 25 fms. north on the course of the lode, from which, and other parts of the mine, a considerable quantity of ead ore has been raised and sold.

There is an abundant supply of water, and the machinery, which is nearly new, is of the course here describing.

The very best description.

The lease is held for 21 years, from the 25th December, 1858, and the royalty is 1-13th. The mine and machinery may be viewed on application to Capt. Ower, at the mine of whom particulars may be had; also of Mr. John Wade, the secretary, at the offices.

VALUABLE and IMPORTANT ESTATE, containing about 225 acres, at HEDNES-FORD and LEACROFT, in the PARISH of CANNOCK, STAFFORDSHIRE, in-cluding the celebrated HOTEL, the "CROSS KEYS," at Hednesford, HOUSES, and OTHER BUILDINGS in the village, and LANDS immediately in connection with and adjoining to the Hednesford New Colliery, the Cannock Mineral Railway, and the canal wharf and tramway now in course of formation by the Birmingham Canal Company

MESSRS. E. AND C. ROBINS WILL SELL, BY AUCTION on Wednesday, the 21st day of Angust Part at the CL., BY AUCTION MESSRS. E. AND C. ROBINS WILL SELL, BY AUCTION, on Wednesday, the 21st day of August next, at the Swan Hotel, Wolverhampton, at Four o'clock in the afternoon, the VALUABLE ESTATE, called the "CROSS KEYS," at HEDNESFORD, the principal part whereof is freehold and a small portion copyhold, containing about 225 acres, including the HOTEL, TRAINING STABLES, FARM and OTHER BUILDINGS, occupied by Mr. John Wilkins and others. Also, various HOUSES, TRAINING STABLES, OTHER BUILDINGS, and LANDS in and about the village, and extending from the Cross Keys Hotel and Mr. Pigott's Hednesford New Colliery to the line of the Cannock Mineral Railway. The high road from Cannock to Rugeley passes through the estate.

The recently-constructed railways and canals have already advanced the neighbourhood, and occasioned an extensive application of land for villa and general building purposes. Public works in contemplation will confer still further benefits. The large quantity of coal raised on Cannock Chase, and particularly at Mr. Pigott's Hednesford New Colliery, adjoining this property, clearly indicates the existence of mines in the estate, and experienced practical miners have reported them of unquestionable quality and great value.

great value.

The enclosure of the wastes now in progress will, as in the case of other parishes that have already been enclosed, most materially alter and improve the character and value of the district. The estate will be first offered in one lot, but if not sold, will be immediately put up in about nine lots.

Particulars, with plans and conditions of sale, will speedily be prepared, and may be procured from Messrs. Barker, Bowker, and Peake, solicitors, I, Gray's Inn-square London; Mr. Paake, land agent, Chartley Manor-house, near Stafford; Mr. Balker mineral agent, the Pieck, near Walsall; at the Cross Keys at Hednesford; the Swat Hotel, Wolverhampton; and from E. and C. Robins, surveyors and auctioneers, Newstreet, Birmingham.

NEW COLLIERY, NAILSEA, NEAR BRISTOL.—
FOR SALE, BY PRIVATE CONTRACT, the WHOLE of the PLANT and
MATERIALS at the above colliery, comprising—
ONE HIGH PRESSURE DIRECT ACTING PUMPING ENGINE, cylinder 45 in.
in diameter, and 10 ft. stroke.
ONE HIGH PRESSURE WINDING ENGINE and gear, cylinder 12 in. diameter.
ONE HIGH PRESSURE WINDING ENGINE, cylinder 16 in. diameter.
THREE CYLINDRICAL BOLLER, 41 ft. by 4 ft.
ONE CYLINDRICAL BOLLER, 18 ft. by 4 ft.

ONE CYLINDRICAL BOILER, 18 ft. by 4 ft.

ONE CYLINDRICAL BOILER, 20 ft. by 3 ft. 6 in.

Hammered iron pumping cranks, 7 bobs, 19 in., 14½ in., 5½ in., 5 in., and 4½ in.

breing, lifting, and hand pumps; hammered iron straps, double straps and tail joints,

suckets, clacks, wrought-iron clatern, lifting screws, chains, large capstan, double-power

rab winch, 80 ffns. 10½ capstan rope, 8 in. capstan and other ropes, blocks, boring tools,

wrought-iron air pipes, tram plates, smiths' bellows and tools, wagons, carts, &c.

To view, apply at the collier; and for all further particulars, to Boddan Castle, Esq.,

20 Compared. Bristol.

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Size. Inches.	rope for ships' rigging. Tested Feb. 27, 1861.	Newall and Co.'s Test of Oct. 29, 1860.	Garnock, Bibby, and Co.'s Test, Oct. 29, 1860.					
2 21/4 33/4 21/4	5 tons 15 cwts. 11 , 14 , 16 , 10 , 22 , 8 ,	7 tons 15 cwts.	8 tons 16 cwts.					
3% 4 414	23 " 10 " 29 " 10 " 37 " 15 "	16 " 10 " 18 " 15 "	26 , 10 ,					

N.B.-The 2, 33%, and 4 in. ropes were the actual sizes tested. The remaining size and strains are comparative.

The above tests certified by Mr. M'Donald the Superintendent of the Corporation
Testing Works, Liverpool.

A R N O C K, B I B B Y, A N D C O.,

MANUFACTURERS OF HEMP AND MANILLA CORDAGE, AND
IMPROVED PATENT NON-TWISTED WIRE-ROPE,
CHAPEL STREET, LIVERPOOL.

G. B. & Co. beg to intimate that they use nothing but Bradley's long-drawn charcoal wire in the manufacture of pit and incline ropes. The quality of this article is well-known, and its superiority was fully proved at a PUBLIC TEST of WIRE ROPE, instituted by Messrs. R. S. Newall and Co., at Liverpool, on October 29th, 1860, on which occasion G. B., and Co.'s samples averaged 13 per cent. over their trade card, and were the strongest of all the samples averaged 13 per cent. over their trade card, and were the strongest of all the samples averaged 13 per cent. over their trade card, and were the strongest of all the samples from various manufacturers then tested.

HEMP AND WIRE-ROPES.

JOHN STEPHENS AND SON, HEMP AND WIRE-ROPE
WORKS, ASHFIELD, FALMOUTH, CORNWALL,
MANUFACTURERS OF FLAT and ROUND HEMP and WIRE-ROPES, GUIDE
RODS for SHAFTS, GALVANISED WIRE SIGNAL LINE and STRAND FENCING,
&c., for MINES, RAILWAYS, &c.
A first-class medal was awardet to John Stephens and Son for their manufactures, by
the Royal Cornwall Polytechnic Society, in 1860.

PATENT SAFETY FUSE.—The GREAT EXHIBITION PRIZE
MEDAL was AWARDED to the MANUFACTURERS of the ORIGINAL
SAFETY FUSE, BICKFORD, SMITH DAVEY, and PRYOR who beg to inform Merchants, Mine Agents, Rallway Contractors, and all persons engaged in Blasting Operations,
that, for the purpose of protecting the public in the use of a genuine article, the PATENT
SAFETY FUSE has now a thread wrought into its centre, which, being patent right, infallibly distinguishes if from all imitations, and ensures the continuity of the gunpowder.
This Fuse is protected by a Second Patent, is manufactured by greatly improved machinery, and may be had of any length and size, and adapted to every climate.
Address,—BICKFORD, SMITH, DAVEY, and PRYOR, Tuckingmill, Cornwall.

AFETY FUSE.—Messrs. WILLIAM BRUNTON AND CO.,
PENHALLICK, POOL, near CAMBORNE, CORNWALL, and BRYMBO, near
WREXHAM, MANUFACTURERS OF FUSE, of every size and length, as exhibited
in the Great Exhibition of 1851, and supplied to the Royal Arsenal at Woolwich, the
Arctic Expedition, and every part of the globe.
For the convenience of their customers and others in the North, W. Baunton and Co.
have recently erected a branch manufactory at Brymbo, near Wrexham, where, as at
Cornwall, they are at all times PREPARED to EXECUTE UNLIMITED ORDERS
for SUPPLYING FUSE upon warrant that it will prove equal to, if not better than,
any to be procured elsewhere.

MESSRS. W. BRUNTON AND CO. have great pleasure in informing their customers and friends, and the mining community, that they have RESUMED MANUPACTURING, at their PERMELICIK WORKS, POOL, near CAMBORNE, and are PREPARED as before to SUPPLY SAFETY FUSE of QUALITY which CANNOT BE SUPPASSED.

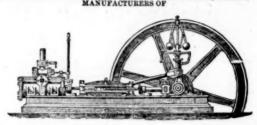
BRANCH WORKS, BRYMBO, NEAR WREXHAM.

DAVEY'S PATENT BLASTING POWDER,

DAVEY'S PATENT BLASTING POWDER,
MANUFACTURED BY DAVEY BROTHERS AND CO.,
NANCEKUKE POWDER WORKS, TUCKINGMILL, CORNWALL.
This blasting powder possesses the following advantages over every other in use:—
Its COMBUSTION is SLOWER and MORE PERFECT when confined in the hole,
PRODUCES LESS SMOKE, is LESS DANGEROUS, and it generally BURSTS
MORE ROCK with a CHARGE OCCUPYING the SAME SPACE, but WEIGHING
from TWENTY to THIRTY PER CENT. LESS than other powder, EFFECTING an
IMPORTANT SAVING.
DAVEX BROTHERS and CO. beg to stafe that this powder is specially made for blasting,
and from its slow combustion is not adapted for projectiles. They would, therefore, cantion consumers against the efforts of interested parties to put it to a fallacious trial, by
firing a ball from a mortar, which is no test of its explosive force when confined.

A SSAY OFFICE AND LABORATORIES,
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Conducted by Mitchell and Rickand (late John Mitchell, F.C.S., Author of
Manual of Practical Assaying, Metallurgical Papers, &c.)
Assays and Analysis. Consultations in every branch of Metallurgical and Manufacturing Chemistry. Assistance rendered to intending Patentees, &c.

For amount of fees, apply to the office, as above.



HIGH PRESSURE STEAM ENGINES, from 2½ to 30 horse power, and upwards, adapted for MILLS, AGRICULTURAL, MINING, and GENERAL PURPOSES. The following sizes are ready for immediate delivery, and may be seen at any time at their London depôt:

ONE 5 in. cylinder, 10 in. stroke.

ONE 15 in. cylinder, 18 in. stroke.

ONE 10 in. cylinder, 18 in. stroke.

ONE 10 in. cylinder, 24 in. stroke.

ONE 14 in. cylinder, 36 in. stroke.

ONE 14 in. cylinder, 36 in. stroke.

ONE 15 in. cylinder, 36 in. stroke.

ONE 16 in. cylinder, 36 in. stroke.

ONE 17 in. cylinder, 36 in. stroke.

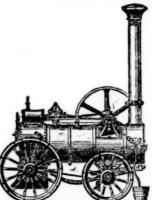
MESSES. KNOWLES AND BUXTON, CHESTERFIELD,





CLAYTON, SHUTTLEWORTH, AND AGRICULTURAL AND GENERAL ENGINEERS, LINCOLN, and 78, LOMBARD STREET, LONDON.

MANUFACTURERS OF



PORTABLE and FIXED STEAM ENGINES,

Which are adapted for every purpose to which steam-power can be applied. When intended for winding they are fitted with reversing link motion and requisite gearing. The portable engines are easy of removal from place to place, and may be set to work immediately on arrival. COMBINED THRASHING

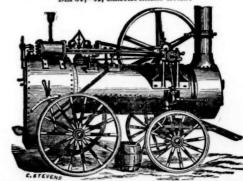
MACHINES,

Which dress the corn ready for market at one operation.

GRINDING and MORTAR MILLS. SAWING MACHINERY, PUMPS for IRRIGATION and MINING PURPOSES.

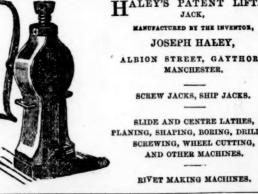
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PATENT PORTABLE STEAM ENGINE, WITH REVERSING GEAR. FORTABLE STEAM ENGINES LENT ON HIRE, from 4 to 25 horse power.

Every information can be obtained on application to Mr. Dunssond, at the City office;
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JOSEPH HALEY, ALBION STREET, GAYTHORN, MANCHESTER.

SCREW JACKS, SHIP JACKS.

SLIDE AND CENTRE LATHES, PLANING, SHAPING, BORING, DRILLING

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MINING LIST. THE SHARE

	DIVIDEND MINES.
Shan	2. Mines. Paid. Last Pr. Business. Dividends Per Share. Last Paid.
4000	Redford United (copper), Taylstockt 2 6 8 5 41/4 5 12 7 0 0 3 6-June, 1861
240	Boscean (tin), St. Just 20 10 0 50 33 0 0 1 10 0-May, 1861
200	Botallack (tin, copper), St. Just 31 5 0 199 200 240 445 5 0 2 10 9-Feb. 1860
1000	Care Rrea (copper, tip), Illogant 15 0 0 70 65 67% 269 10 0 2 0 0-Feb. 1861
2048	Carnyorth (tin), St. Just 3 10 0 134 0 19 6 0 2 0-Sept. 1860
200	Cem Cwm Brwyno (lead), Cardigansh. 33 00 33 9 00 4 00—April, 1861 Connorree (copper, sulphur) [L. £1] 1 00 34s 34s 0 09 0 09 July, 1860
80000	Connorree (copper, sulphur) [L. £1] 1 0 0 34s 34s 0 0 9 0 0 9 1860 Cook's Kitchen (copper), Illogan 17 0 9 28 26 28 0 8 0 0 8 0 May, 1861
2450	Cook's Kitchen (copper), Iliogan
35000	O Copper Miners of England
1055	Ditto ditto (stock)100 0 0 24 1 per cent. — Half-yrly. Craddock Moor (copper), 8t. Cleer* 8 0 0 26 5 13 0 0 5 0—July, 1861
867	Cwm Erfin (lead) Cardiganshire 7 10 0 161 5 8 0 1 0 0-June, 1861
198	Cwynystwith (lead), Cardigananire* 00 0 0., 240 22/ 10 0., 5 0 0 0. May, 1801
280	Derwent Mines (sillead), Durham 300 0 0 180 142 0 0 5 0 0-June, 1861
1024	Devon Gt. Con. (cop.), Tavist.* [S.E.] 1 0 0., 355 760 0 0., 7 0 0-July, 1861
358	Dolcoath (copper, tin), Camborne*128 17 6., 510 626 10 0., 8 0 0-June, 1861
512	East Basset (cop.), Redruth [S.E.]* 29 10 0 871475 7714 x d 87 0 0 5 0 0-July, 1861
6144	East Caradon (copper), St. Cleer [S.E.] 2 14 6 241/4 231/4 24 0 17 6 0 10 0-July, 1861
300	East Darren (lead), Cardiganshire* 32 0 0 67 75 10 0 1 0 0—April, 1861
2048	East Wheat Lovell (tin), Wendron 2 10 0
4940	Eyam Mining Co. (lead), Derbyshire 5 0 0 20 3 4 0 10 0-May, 1861 Fowey Consols (copper), Tywardreath 4 0 0 5 41 9 3 0 2 6-June, 1860
9560	Fowey Consols (copper), Tywardreath 4 0 0. 5 . 41 9 3. 0 2 6—June, 1860 Foxdale, Isle of Man, Limited (lend)† 25 0 0 . 35 . 61 8 3. 1 0 0—Dec. 1860
5000	Frank Milis (lead), Devon
6000	Great South Tolgus [S.E.], Redruth", 0 14 6., 34., 246 236 ., 7 13 6., 0 5 0 Feb 1861
1798	Great Wheal Fortune, Breage 18 6 0 11101/2 111/2 1 0 0 0 10 0-July, 1861
5908	Great Wh. Vor (tin, cp.), Helston [S.E.] 40 00 6 0 50 0 50 Mar. 1861
1024	Herodsfoot (ld.), near Liskeard [S.E.] 8 10 0., 37 ., 36 38 ., 14 10 0., 2 0 0-June, 1861
1000	Hibernian Mine Company 92 6 2 — 6 15 0 0 15 0—Feb. 1861
160	Levant (copper, tin), St. Just 2 10 0 95
400	Lisburne (lead), Cardiganshire, Wales* 18 15 0 125 373 10 0 3 0 0—June, 1861
9000	Marke Valley (copper), Caradon 4 10 6. 8%. 9 9½ 1 1 0. 0 5 0—July, 1861 Mendip Hills (tead) [L.], Somerset 3 15 0. 13 4. 2 1 0. 0 2 6—May, 1866 Minera Mining Co.[L.], (id.), Wrexham 25 0 0. 180 71 0 9. 4 5 0—May, 1866
1900	Mendip Hills (lead) [L.], Somerset
1000	Minera Mining Co. [L.], (id.), Wrexham 25 0 0 180 71 0 9 4 5 0—May, 1861 Mining Co. of Ireland (cop., lead, coal) 7 0 0 14361436 1436 14 7 11. 0 7 0—June, 1861
640	
6000	New Birch Tor and Vitifer Consols 1 6 6 2 13/4 2 0 2 6 0 2 6—May, 1861
1366	North Grambler, Redruth 2 7 6 614 614 6 0 10 0 0 10 0-Mar. 1861
6000	North Great Work, Breage 1 3 0 44 0 2 0 0 2 0 May. 1860
5000	Orsedd (lead), Flintshire 0 0 8 14 0 6 6 0 0 9-Mar 1861
6400	Par Consols (cop.), St. Blazey [S.E.]. 1 2 6. 914. 814 914 . 36 4 6. 0 5 0-July, 1861
200	Parys Mines (copper), Anglesey [L.]. 50 00 5 00 5 00 5 00 1860
200	Phoenix (copper,tin), Linkinghorne 100 0 0 435 449 10 0 55 0 0-May, 1861
1772	Polberro (tin), St. Agnes
1120	Providence (tin), Uny Lelant† [8.E.] 10 6 7., 36 33 35 59 15 0 1 0 0—May, 1861 Rhosesmor 50 0 0
819	Rhosesmor
619	
496	South Wheal Frances, Illogan* [S.E.]. 18 18 9., 120 115 120 355 5 0 1 0 0—July, 1861
280	Spearne Moor (tin, copper), St. Just 31 17 9 45 9 15 0 1 0 0-June, 1861
940	St. Ives Consols (tin), St. Ivest 8 0 0 30 484 0 0 0 15 0-May, 1861
9600	Tamar Con. (all. ald.), Regralaton [S.E.] 4 10 0 134 114 134 5 6 0 0 9 6 Tan 1861
6000	Tincroft (cop., tin), Pool, Illogan [S.E.] 9 00. 5%. 5% 5% 10 8 6. 0 5 0-Feb. 1861
6000	Tolyadden (copper), Marazion 91/2 13/ 9 0 13 6 0 3 0 Mar 1860
572	Traiyon Consols (tin), St. Ives 11 10 0 12%
200	
1024	Wendron Consols (tin), Wendron 11 13 10. 16 8 15 0 1 0 0—Jan. 1861 West Basset (copper), Illogan [S.E.]. 1 10 0 18 14 16 21 15 0 0 5 0—July, 1861
6000	West Basset (copper), Illogan [S.E.]. 1 10 0 18 14 16 21 15 0 0 5 0-July, 1861
1024	West Burton Gill (lend), Yorkshire 50 0 0
8400	
400	W.Wh. Seton (cop.), Camborne [S.E.] 47 10 0 310 290 300 308 0 0 10 0 0—June, 1861
512	When Basset (copper), Illogan* [S.E.] 5 2 6 92 8714 90 570 10 0 2 0 0-June, 1861
256	Wheal Buller (cop.), Redruth* [S.E.]. 5 0 0., 105 929 0 0., 2 0 0-May, 186]
800	Wheal Clifford (cop.), Gwennap [S.E.] 160 145 155 89 10 0 5 0 0-April, 186]
2000	Wheal Falmouth and Sperries 2 5 0 8 0 10 0 0 10 0 Feb. 186
128	Wheal Friendship (copper), Devon 50 0 0 90 2400 10 0 5 0 0 — Feb. 1861
512	Wheal Jane (silver-lead), Kea 3 10 0 18 10 10 0 1 0 0 Feb. 1860
1924	Wheal Kitty (tin), Uny Lelant [S.E.] 1 7 2. 11 . 8 0 0. 0 10 0-Sept. 1860
4900	Wheal Ludcott (lead), St. Ive 2 10 8 234 234 234 1 8 0 0 4 0—July, 186
100	Wh. Margaret (tin), Uny Lel. [S.E.]†. 9 17 6. 45 . 41 43 . 68 0 0. 1 10 0-May, 186 Wheal Mary (tin), Lelant
1024	Wh Many Ann (14) Manhanistry W 14 0 0 0 40
	wh. Mary Ann (id.), Mennemott S.E. J 8 0 0. 10 . 53 17 6. 0 10 0-Jane, 186
80	Wheal Owles, St. Just. Cornwall 70 0 0 300 275 13 0 5 0 0 May 186
80	Wheal Owles, St. Just, Cornwall 70 00 300 275 13 0 5 00—May, 186 Wicklow (copper) [L.], Wicklow 5 00 58 41 17 6 2 12 6—Mar. 186

ends paid every two months. † Dividends paid every three months.]

MINES WITH DIVIDENDS IN ABEYANCE.

	MALLE DE TOTAL		LJ A	MDB	TTA	W D	17 1	12.4	NO.	34.0		
700	Aberdovey (silver-lead), Merioneth 1	10	0	30			0	10	9 (10	0-Mar.	1859
8120	Alfred Consols (eop.), Phillack [S.E.]. 2	17	1		11/4 13		20	3	0 (2	6-April,	1859
1624	Balleswidden (tin), St. Just 11	5	0	12	-/8 -/		12				0-Jan.	
1200	Brightaide & Froggatt Grove, Derbysh. 3	0	0	31/4			3				0-April	
	Central Minera (lead) [L. £5] 0			516							0-Sept.	
6000	Charlotte United, Perranuthnoe 2		2	1/4.	36 I						6-Sept.	
2000	Collacombe (copper), Lamerton 5	5	0	12	/6 -		3		0 (0-Dec.	1857
256	Condurrow(cop.,tin), Camborne 20	0	0		521/2 57		85				0-June,	
256	Copper Hill (copper) Redruth 48	0	0	100	22/2 01	/6					0-Sept.	
4076	Devon and Cornwall (copper) 4	16	3	6							6-Feb.	1859
672	Ding Dong (tin), Gulvai 39	2	6	19							0-Mar.	1857
12800	Drake Walls (tin, copper), Calstock 2		0	%	34 %						0-Sept.	
	East Falmouth (silld.), Kenwyn, Ken 2	15	0	34	76 78		-				6-Jan.	1858
128	East Pool (tin, copper), Pool, Illogan 24	5	0	400			-				0-Aug.	
6000	General Mining Co. for Irel. (cop., ld.) 4	0	0	5			1				3-June.	
486	Grambler and St. Aubyn (cop.) [S.E.] 47	10	0	11							0-July,	
119	Great Work (tin), Germoe100	0	0	110		•	991	10	0	7 10	0-Feb.	1857
200	Herward United (lead), Flintshire 40	0	0	10		- ::					0-July,	
6000	Hingston Down Con. (cop.), Cals.[S.E.] 4	16	6		1% 1%						6-Nov.	
5000	Kelly Bray (lead, copper), Callington . 4	3	6	11/6	*78 *78						0-Feb.	1860
20	Laxey Mining Company, Isle of Man., 100		0	1200		••	1420				0-June.	
470	Newtownards Mining Co., Co. Down., 50		0	0.8			56				0-Sept.	
8000	North Dolcoath (copper), Camborne 2		6	36		••	0				6-June.	
700	North Roskear (copper), Camborne 16	ñ	0		17% 2						0-Sept.	
1024	Rosewarne and Herland United 11	8	10.	3/4	11/8 2						0-Oct.	1859
512	Rosewarne United (cop., tin), Gwinear 18		4	0.4		••			0		0-Sept.	
12000	Sortridge Con. (cop.), Whitchurch [S.E.] 0	16	0		12s. 14						6-July.	
128	South Crinnis (copper), St. Austell 19	0	0	998	128. 14	-	-				0-June,	
20000	St. Day United (tin and cop.), Redruth 2	7	0	34	34	••	0				0-Feb.	1858
400	United Mines (copper), Gwennap 55	0	0	3212	74	••	80				0-April	
20000	Vale of Towy (lead), Carmarthen [S.E.] 0	13	6	60			0				0-July	
1024	West Providence (tin), St. Erth 15	15	0	834			23				0-April	
240	Wheal Bal (tin), St. Just 15	0	0	16								1859
4096			6	91/	214	••					0-Mar.	
1024	Wheal Grylls (tin), Perranuthnoe 1	4	0	21/8	3 4						6-Nov.	
5000	Wheal Kitty (tin), St. Agnes 4	19	6			••	-		6		0-July.	
345	Wheal Lovel (tin), Wendron 33	-0	0		1		-		0		0-Sept.	
1024	Wheal Margery (tin, copper) 15	13	0			•	0				0-Sept.	
396	Wheal Seton (tin, copper), Camborne. 58	10	0	65		-	401				0—Dec.	1859
1040	Wh.Trelawny(silid.),Liskeard[S.E.] 5	17	0	1414	19 14		40				0—Dec.	1860
1022	Wheal Tremayne (tin, cop.), Gwinear. 12	10			13 14	-					6—Jan.	1854
4096	Wheal Wrey Consols (lead), St. Ive. 3	0	0			-	10	10		0 0	6—Dec.	1857
	tional, ist. Ive.	0		%		-		12		0 2	U-Dec.	1001
	Done				-							
	FORE	11	J N	MIN	ES.							

2464	Burra Burra (cop.), South Australia. 5	0 0	132		-	265	0	0 5	0	0-June.	1861
12000	Cobre Copper Co. (cop.), Cuba [S.E.] 40	0 0	3514							0-July.	
10000	Copiano Mining Company, Chillis E 1 16	0.0	9			6	8	0 0	5	0-Jan.	1861
15000	East Indian Coal, Calcutta [L.] 10	0 0	10		••	7	6 p	er cent		- Year	rly.
10000	English and Australian [S.E.] A	0 0	914							0-Feb.	
20000	Gen. Mining Assoc., Nova Scotia[S.E.]20	0 0	24	22 24						0-June,	
15000	Kapunda Mining Co., Australia [S.E.] 1	0 0								0-June,	
10000	Linares (id.), Pozo Ancho, Spain [S.E.] 3 Lusitanian (of Portugal) [S.E.] 2	0 0		614 719						4-July,	
103815	Mariquita and New Granada [S.E.] 1	0 0								6-Aug.	
100000		0 0								6-July,	
11000	St. John del Rey [L.], Brazil [S.E.]. 15	0 0	1	1 136	••					0-July,	
20000	West Canada Mining Company [L.]. 1	0 0	114	34 35						0-June,	

FOREIGN MINES WITH DIVIDENDS IN ABEYANCE.

10000 Alten and Quænangen Uni. (cop.) [L.£5] 4 10 0	3	••	4 5 0 0 15 0-Nov. 1853
10000 Gt. Barrier Land, Min. &c., N. Ze. IL. £51 4 5 0	91/		15 per centMay, 1859
10000 Pontgibaud (sillead), France [S.E.] 20 0 0 48174 Unit. Mexican(sil.), Mexico [S.E.] Av. 28 5 0	434 414 5	••	1 0 0 1 0 0—June, 1855 1 16 6 0 4 0—Feb. 1853

NON-DIVIDEND FOREIGN MINES.

TOTAL TOTAL FUREIGN MINES.	
Shares. Mines. Pr.	Bus, done. Last Call.
20000 Australian (copper), South Australia (S. F.)	1 114 Sept. 1858
19000 Bon Accord, South Australia (conner) II #13 FG xx 3	
	Feb. 1859
6000 Central American (silver) [L.]	Feb. 1809
60000 Clarendon Consols (copper), Jamaica [S.E.] 0 17 6 %	Jan. 1859
10000 Copiapo Smelting [L.], Chili	Jan. 1861
17000 Central Italian (copper) [7000 £2 paid]	Fully paid.
	1 Fully paid.
30000 East Kongsberg Native Silver Mining Co. of Norway [L. £5] 1 0 0 34	April, 1861
30000 Ellerslie and Bardowie, Jamaica	July, 1859
	Fully paid.
	2 216 Fully paid.
	.1% 1%
pood Imperial Thessallan (lead, &c.). Thessalv (1, 49)	June, 1860
30000 Lagunazo (sulphur, copper), Portugal [L. £1] 0 10 0	May, 1861
60000 New Granada (gold), South America [S.E.]	Fully paid.
10000 New Grand Duchy of Baden (sliver-lead), near Freiburg 1 00 1	Nov. 1858
60000 North Rhine Copper of South Australia II. 417 18 P 3	Tune 1980
15000 Pachuca Silver Mining Company, Maxico II. 411	
SUDUU SCOLLISH AUSTRALIAN MINING COMPANY II. #11 6 10 0	.Nov. 1858
	May, 1860
50000 St. John's United (copper, lead), Newfoundland II. £11 0 10 0	May 1860
45000 Victor Emanuel, Italy [L.] [20,000 Pref. Shares, 5s. pd., 25,000 £1 pd.]	
1000 Western Africa Malachite (copper) [L.]	Oct. 1859
12000 Wheal Ellen, South Australia [L. £5] 4 0 0 234	Tules 1961
35425 Wheal Jamaica (copper)	July, 1861
80000 Worthing (copper), South Australia [L.] [S.E.] 1 00 %	. Fully paid.
and a comment (cohert) popular profitative [Tr.] [Garget] consessed I 00 00	. % % Fully paid,

	_	
PROGRESSIVE MINES.		8
Shares. Mines. Paid. Last Pr. Bus. done. L. 4825 Abbey Consols (ld.) Cardigan, 2 7 0 1 No	ast Call. v. 1860	. 5
1000 Allt. v-Crib (lead) [L. £5] 2 8 6 2	ne, 1861	L 6
10000 Angarrack (copper), Phillack, 1 1 6 114	ly, 1850 ne, 1850 ar. 1860	0 4
10000 Bampfylde (copper), Devon 0 15 0 4	g. 1860	0 2
2000 Berehaven (copper), Ireland 1 0 0 1 1 7500 Bickleigh Vale Phonix [L.] 2 0 0 2 1 Fu	lly paid	
200 Billins (lead) [L. £30] 20 0 0 20 18 20 Fe 10000 Boriase Con. (tin) St. Justf L. 1 1 0 0 114	b. 186	1 4
1248 Boscaswell (tin), Penzance 6 5 0 8	e. 186 pt. 186	0 4
160 Bosorne & Bollowall, St. Just 6 5 0., 10	e. 186 v. 185	8
5000 Bosworthan (tin), Sancreed 1 0 0 11 Ju	ne, 186	1 3
12000 Brea Con.(tin),St.Ives[L.30s.] 1 0 0 22s,18s. 27sJa 5000 Bronfoyd(id.),Cardigan,fL.] 2 0 0 4 4 434Ju	n. 186 ne, 186	
4000 Brookwood	ar. 186 oril, 186	1 1
and Bryn Gwing (lend), Filth + U U., 25 25 au UC	ly, 186 t. 185	1
2000 Bryntail, Llanidloes, Montgo. 5 2 0 4 Mi	ar. 186	1 1
6380 Buller and Basset Unit. (cop.) 3 5 0. 116. Ju 2448 Bwlch (silld), Cardiganshire 4 9 0. 234. No	me, 186 ov. 186	0 4
915 Calvadnack, Wendron 18 5 0 714614 714Mi	e. 186 ar. 186	1 1
915 Calvadnack, Wendron 18 5 0. 7 14614 714Mi 1000 Camborne Consols (copper) 16 10 0. 8	ne, 186	1 4
914 Caradon Cons. (cop.), St. Cleer 21 12 0 81471/2 81/2Ju	ne, 186 ar. 186	
6000 Carn Camborne	ay, 186 ine, 186 pril, 186	1 3
1056 Carvannall (cop.), Gwennap, 21 11 7., 3	prii, 186	1 2
10000 Cormon and Duffern II. 1 & 0.0 & Fr	illy paid	1.
25000 Casara (lead), Carma. [L. £1] 0 8 0 12s Do	ec. 186	0
2500 Cefn Cilcen (lead), Flintshire. 1 50., 1	pt. 186	0 1
984 Clijah & Wentworth (tin, cp.) 27 0 6 134Ja	m, 180	1 10
3135 Coed Mawr Pool (lead) [L,], 4 70., 4	ne, 186 o call.	1
5000 Cornubia (tin), Roche 0 15 0 I 46 1A)	pril. 186	1 9
30000 Craven Moor (ld.), Yorkshire, 0 10 0., 48 38. 48 No	o call.	1
12000 Crelake (cop.), Tavistock —	o call.	1
2000 Crowlwm (lead), Lianidloes . 1 10 0	o call.	8 6
6000 Cuddra (cop., tin), St. Austell 1 16 0 2¼38s. 40sM	ec, 186	50
21000 Dale, North Staffordshire [L.] 1 0 0 34 Fu 4817 Devon and Courtenay (cop.) 1 9 0 11s M	ully paid	1.
5000 Devon Great Wheat Ellen 2 0 0 —	ar. 186	
12000 Devon Union (copper) [L. £1] 0 12 6 34M	ay, 186 ay, 186	11
2000 Dolcoath United [L. £5] 1 0 0 234 Ji	ar. 186 me, 186	30
5000 Dulta(tin), St. Stephen's [L.£1] 0 12 6 3 Ju 3000 Dyfngwm (lead), Wales 12 6 6 94 Se	ily, 186	58
4096 East Airred Consols (copper). 3 12 3. 1% 1% 12 12	ine, 186 av. 186	51
6000 E. Bertha Con. (cop.), Tayist. 0 17 0 1 16 Ju 6000 East Budnick and Mount 0 10 0 98 Ju	HV. 100	51
6000 East Carn Brea (cop.) Redruth 3 50 8 7 7%Ju	ine, 186	
4000 East Devon Gt. Consols (cop.) 0 11 6. 234174 214Ju	ine, 186	51
4000 E. Gunnis Lake ats. Bedf. (cn.) D 9 6.4 % % 4	DEE: YOU	81
12000 East Mona (con. &c.) [L. £11 0 5 0	lay, 186 lay, 186	81
4096 E. Providence (tin), Uny Lel. 2 3 5 114Ji	une, 186 ug. 186	60
1122 East Seton, Camborne 0 2 0	lay, 186 lay, 186	
256 East Tolgus (copper), Redruth 60 00 52	une, 186 une, 186	61
1024 E. Treskerby (cop.), Redruth. 3 10 0 2J	uly, 186 uly, 186	
	uly, 18	
5700 Exmouth (silid.), Christow. 5 14 0 114	uly, 18 lov. 18	60
5000 Fursdon(cp.),Okeham,[L.30s.] 1 5 0 21	ug. 18	
114 Garden (tin), Morvah 22 0 0 24 1000 Garreg (lead), Flint 4 8 6 14J	une, 18	61 61
4000 Gawton (copper), Tavistock 1 12 0 % 1024 Gelliffowller (id.), Holywell. 0 2 65s.6d J	une, 18	61
6000 Gernick (copper), Crowan 0 10 0	une, 18 uly, 18	60
	far. 18 eb. 18	61
4096 Great Caradon (cop.), St. Ive. 1, 80., 34., 34	une, 18 fay, 18	61
10000 Gt. Crinnis (cop.), St. Austell 2 4 0 14 1 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 14	une, 18 far. 18	61
4000 Gt. No. Tolgus (cop)., Redruth 2 7 6 278 10104 Grent Onslow Cons., Camelfd. 3 10 9 %	fay, 18 Dec. 18	60
40000 Gt. Retailack (SilId., Siende) 1 7 0 255		
10000 Great Treveddoe (copper) 0 13 0 1		61
	uly, 18	
6000 Gt.Wh. Busy (cop., tin), Ken. 13 0 0 5 4% 5% 12500 Great Wh. Martha (cop.) [L.] 1 0 0 . 15% . 11%	dar. 18	id.
10240 Gunnis Lake (Clitters' Adit). 0 2 0 34	une, 18	61
6400 Harwood (ld.), Durham[L.£1] 0 3 6 36	une, 18	161
5000 Holmbush(ld.,cp.)Callington 5 2 0 21/2 2 21/2 8	lept. 18	861 860
40 Imperial Silver-Lead Dolgelly 25 0 0 30	Mar. 18	361 361
6000 Keswick (lead), Portinscale . 5 0 0 . 1 1/2		361
3000 Lady Eliza (ld.), Carm. [L. £3] 2 8 0 % % % % 1019 Leeds & St. Aubyn (tin. con.) 15 12 3 4	fune, 18 Mar. 18	361
963 Lelant Cons. (tin), Uny Lelant 32 10 0 214	Fully pa	161 1d.
8000 Llywernog United, Card. [L.] 1 16 0 114 500 Long Rake	May, 18	359 361
500 Long Rake	Inle **	202
22000 Merryheid (lend) [14] U 12 U. 38 05. 28	May, 18	860
1024 Mill Pool (tin,cop.) St. Hilary 15 9 6 1		859 860
6411 Molland (cop.), S. Moulton., 2 8 0., 28	July, 18	861 860
1024 Nangiles (tin, copper), Kea. 3 0 0. 6	Jan. 18	861
5000 Nanteos and Penrhiw [L. £4] 3 6 0 214	June, 18 Mar. 18	861

963 Lelant Cons. (tin), Uny Lelant 32 10 0. 24 Mar. 1861 1000 Linafat (silver-lead) [L.] 1 6 0 0. 5 Fully paid. 1800 Liywernog United, Card. [L.] 1 16 0. 14 July, 1859 500 Long Rake 10 0 0. 11 May, 1850 500 Long Rake 10 0. 0. 11 May, 1851 500 Lower Park Denbighshire [L.] 4 0 0 4868 Mandlin Mines [2484 £6, 2484 £1 pd.]. 2½		1019	Leeds & St. Aubyn (tin, cop.) 15 12 3 4	Mar. 1861	5990	Wh. Arthur (cop.), Calstock. 3 11 0 78. 98.
1 1000 Lisanfar (silver-lead) [L] 1 6 0 0 5 Fully paid. 1800 Liywernog United. Carl. [L] 1 6 0 1 1 1 1 1 1 1 1 1				.Mar. 1861	1000	Wheal Basset and Grylls (tin) 4 0 0 8%
1 8000 Llywernog United, Card, [L.] 1 16 0. 1½	4			.Fully paid.	18000	Wh. Concord(silld.,cp.)[L.£1]0 5 0
1				July, 1859	2000	Wheat Conquer (tin, copper), 1 0 0 1%
2000 Lower Park Denbighshire [L.] 4 0 0 .		500	Long Rake 10 0 0., 11	May, 1861	6000	Wheai Crebor (cop.), Tavistock 0 15 0 128 108. 128.
1	A	9000	Lower Park Denhighshire [L.] 4 0 0		A120	Wheal Cupid (cop.), Redruth. 3 16 0 1%
1					512	Wh.Damsel(cp.,tin),Gwennap 23 13 6 14
29000 Merryfield (lead) [L.] 0 12 0. 4s. 3s. 4s. May, 1860 3400 Michell (lead), Flint 0 1 0. 9s.				July, 1861	4000	Wh. Emma(cp) Buckfastleigh 2 12 6 4
14 1024 Mill Pool (tincop) St. Hills 15 96 1 134 16000 Mold (lead), Flints. [L.£1] 0 17 0 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34	-			.May, 1860	4096	Wheal Emma (tin), Breage 0 10 0 %
1024 Mill Pool (tIn.cop.) 8t. Hilary 15 9 6. 1		2400		June, 1861	8000	Wh.Grenville (copper)[S.E.] 7 2 0 1%
6000 Mold (Icad), Finits, [L. £1] 0 17 0 .				.Aug. 1859	6190	Wheal Harriett, Camborne 4 0 0 1% 1%
1	L			Jan. 1860	6000	Wh. Harris (id., cop.), Lifton 0 10 6 1
10 10 10 10 10 10 10 10	3			July, 1861	1094	Wheal Hearle, St. Just 8 2 8 12%
1024 Nanglies (tin, copper), Kea. 3 0 0 . 6	1	0000	Nance Valley 0 5 0 1		512	Wheal Hendra (tin), Breage 1 12 6 21/2
5000 Nanteos and Penriuw [L. £4] 3 6 0. 24 June, 1861 2400 Nant-y-Iago (Id.), Merioneth 3 0 0. 24 Mar. 1861 2500 Nanty Mines (Id.), Montgom. 20 0 0 0 Feb. 1861 6400 N. Crow Hill (Id.), St. Stephen 1 18 6 14 Feb. 1861 6600 N. Crow Hill (Id.), St. Stephen 1 18 6 14 Feb. 1861 6600 N. Crow Hill (Id.), St. Stephen 1 1 8 6 14 Feb. 1861 6600 N. Crow Hill (Id.), St. Stephen 1 1 8 6 14 Feb. 1861 6600 N. Crow Hill (Id.), St. Stephen 1 1 8 6 14 Feb. 1861 Mar. 1881 Mar. 1	L	1024	Nangiles (tin, copper), Kea., 3 0 0., 6	.Jan. 1861	10000	Wh. Lopes (tin, zinc) [L. £1]. 0 10 0
2400 Nanty Mines (Id.), Montgomen 3 0 0. 24	v	0000	Nanteos and Penrhiw [L. £4] 3 6 0 214	.June, 1861	100	Wheal Louisa (cop.), Redruth. 10 0 0130
250 Nanty Mines (id.), Montgom. 20 0 0		2400		.Mar. 1861	5640	Wh. MaryEmma(tin)Lydford 0 10 3
6400 Nether Heath (lead), Dufton. 0 15 6.		250	Nanty Mines (ld.), Montgom, 20 00	. Fully paid.	6000	Wheal Moyle, Gwennap 2 0 0 24178 278
600 N. Crow Hill (id.), Si.Stephen 1 18 6. 14 Feb. 1861 6000 New Treleigh Cons., Redruth 1 8 0. 134 134 136 Feb. 1861 6000 New Treleigh Cons., Redruth 1 8 0. 134 134 136 Feb. 1861 6144 New Wheal Clifford (copper). 0 6 0 . 3 June, 1861 1024 New Wheal Francis, Crowan. 0 16 6 . 34 8s. 10s. May, 1861 1024 New Wheal Francis, Crowan. 2 10 0 . 3 June, 1861 400 New Wh. Seton (cop.), Camb. 13 10 0 . 45 July, 1861 July	9		Nether Heath (lead), Dufton 0 15 6 4		5000	Wheal Nelson 0 10 0 34
256 Wheal Fromest, S. Austell. 10 0 257 Wheal Francis, Crowan. 0 16 6 258 Wheal Francis, Crowan. 0 16 6 259 Wheal Francis, Crowan. 0 16 6 250 New Wheal Francis, Crowan. 0 16 6 250 New Wh. Seton (cop.), Camb. 13 10 0 250 New Wh. Seton (cop.), Camb. 13 10 0 250 New Wh. Seton (cop.), Camb. 13 10 0 250 New Wh. Seton (cop.), Camb. 13 10 0 250 New Wh. Vaddon(cop.), Marasion 0 13 0 250 New Wh. Vaddon(cop.), Marasion 0 13 0 250 N. Wh. Vaddon(cop.), Marasion 0 13 0 250 N. Wh. Vaddon(cop.), Marasion 0 13 0 250 N. Wh. Vaddon(cop.), Marasion 0 15 0 260 N. Wh. Vaddon(cop.), Redruth. 20 2 5 260 North Buller (cop.), Redruth. 20 2 5 260 North Buller (cop.), Redruth. 20 2 5 260 North Buller (cop.), Redruth. 20 2 5 260 North Devon (cillid.), L. E. 10 7 0 260 North Devon (cillid.), L. E. 10 7 0 260 North Devon (cillid.), L. E. 10 7 0 260 North Devon (cillid.), L. E. 10 7 0 260 North Devon (cillid.), L. E. 10 7 0 260 North Devon (cillid.), L. E. 10 7 0 260 North Devon (cillid.), L. E. 10 10 0 260 North Devon (cop.), Redruth. 20 2 10 0 260 North Devon (cillid.), L. E. 10 0 260 North Devon (cop.), Redruth. 20 0 260 North Devon (cillid.), L. E. 10 0 260 North Devon (cillid.), L. E. 10 0 260 North Devon (cillid.), L. E. 10 0 260 North Devo		6400	N. Crow Hill (ld.), St. Stephen 1 18 6 14		6000	Wh. Norris (tin, cp.), St. Cleer 1 4 0 1%
2000 New Wheal Clifford (copper)		6000	New Treleigh Cons., Redruth 1 80., 14.,14 1%.	.Feb. 1861	256	Wheal Polmear, St. Austell. 17 10 0220
1044 New Wheal Francis, Crowan. 0 16 6.		2000	New Wheal Clifford (copper), 0 60 4	.Mar. 1861	2315	Wh. Pollard (cop.), St. Neot's 2 6 0
1024 New Wheal Hender, Crowan. 2 10 0. 3	10		New Wheal Francis, Crowan, 0 16 6 14 8s. 10s	.May, 1861	1000	Wh. Prosper (cp., tin), Breage 7 10 0 3
400 New Wh. Not & E. Wh. Metal 9 0 0 July, 1861 Dec. 1860 May, 1861 Dec. 1860 Metal 1800 (Metal 1800 Metal Rose (1d.), St. Columb 1 0 0 6 1024 Wh.sitley & Larondek 2 10 0 3 Metal 1800 (Metal 1800 Metal Rose (1d.), St. Columb 1 0 0 6 1024 Wh.sitley & Larondek 2 10 0 3 Metal 1800 Metal Rose (1d.), St. Columb 1 0 0 6 1024 Wh.sitley & Larondek 2 10 0 3 Metal 1800 Metal Rose (1d.), St. Columb 1 0 0 6 1024 Wh.sitley & Larondek 2 10 0 3 Metal 1800 Metal Rose (1d.), St. Columb 1 0 0 6 1024 Wh.sitley & Larondek 2 10 0 3 1024 Wh.sitley & Larondek 2 10 0 5 1024 North Buller (cop.), Redruth 2 0 2 6 5 4 Nov. 1800 Nov. 1800 1024 North Buller (cop.), Redruth 2 0 2 6 5 Nov. 1800 North Devon (sill-id.)], L. E. 10 7 0 4 Nov. 1800 April, 1861 4000 North Devon (sill-id.)], L. E. 10 7 0 4 April, 1861 April		1024	New Wheal Hender, Crowan, 2 10 0 3	"June, 1861	1879	Wheal Prospidnick 1 11 0 5%
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90 N. Budnick (tin,id.), Perranz. 1 10 0. 40 No call. 4500 No. Budnick and West Moman 0 5 0. 56. 56. 14. 14. 514. 514. 515. 515. 1861 6000 North Buller (cop.), Geneman 0 5 0. 56. 56. 1861 6000 North Devon (silid.) [L. £1] 0 7 0. 14 April, 1861 6000 North Devon (silid.) [L. £1] 0 7 0. 14 April, 1861 6000 North Devon (silid.) [L. £1] 0 1 7 0. 14 April, 1861 6000 North Fances, (cop.) [S. E.]. 13 8 0. 14 June, 1861 6000 North Fances, (cop.) [S. E.]. 13 8 0. 14 June, 1861 6000 North Jane (tin, silver-lead). 3 0 0. 24 June, 1861 6000 North Jane (tin, silver-lead). 3 0 0. 24 June, 1861 6000 North Jane (tin, silver-lead). 3 0 0. 24 June, 1861 6000 North Jane (tin, silver-lead). 3 0 0 24 June, 1861 6000 North Jane (tin, silver-lead). 3 0 0 24 June, 1861 6000 North Jane (tin, silver-lead). 3 0 0 24 June, 1861 6000 North Jane (tin, silver-lead). 3 0 0 24 June, 1861 6000 North Jane (tin, silver-lead). 3 0 0 24 June, 1861 6000 North Jane (tin, silver-lead). 3 0 0 24 June, 1861 6000 North Jane (tin, silver-lead). 3 0 0 24 June, 1861 6000 North Jane (tin, silver-lead). 3 0 0 24 June, 1861 6000 North Minera (lead) [L.]. 1 0 0 14 Sune, 1861 6000 North Minera (lead) [L.]. 1 0 0 14 Sune, 1861 6000 North Minera (lead) [L.]. 1 0 0 14 Sune, 1861 6000 North Minera (lead) [L.]. 1 0 0 14 Sune, 1861 6000 North Minera (lead) [L.]. 1 0 0 14 Sune, 1861 6000 North Minera (lead) [L.]. 1 0 0 14 Sune, 1861 6000 North Minera (lead) [L.]. 1 0 0 14 Sune, 1861 6000 North Minera (lead) [L.]. 1 0 0 14 Sune, 1861 6000 North Minera (lead) [L.]. 1 0 0 14 Sune, 1861 6000 North Minera (lead) [L.]. 1 0 0 14 Sune, 1861 6000 North Minera (lead) [L.]. 1 0 0 14 Sune, 1861 6000 North Minera (lead) [L.]. 1 0 0 14 Sune, 1861 6000 North Minera (lead) [L.]. 1 0 0 14 Sune, 1861 6000 North Minera (lead) [L.]. 1		6000	Nidderdale(ld.), Yorks.[L.£1] 0 15 0 % %		4096	Wheal Sidney(tin), Plympton 3 9 1 174
1024 Wheal St. Andrew (copper). 3 0 0 3 1024 Wheal St. Andrew (copper). 3 0 0 3 1024 Wheal Trannack, Sithney 2 10 0 3		90	N. Budnick (tin.ld.), Perranz. 1 10 0 40	No call.	2048	Wh. Sithney & Carnmeal Uni. b U U o
10 1024 North Buller (cop.), Redruth. 20 2 6. 5 ½4½ 5½Feb. 1861 6. 6000 Nr. Clifford (cop.), Gwennap 0 5 5 0. 5½		4500	No. Budnick and West Mount 0 50,. 38		1024	Wheal St. Andrew (copper) 5 0 0 5
6000 Norr. Clifford (cop.), Gwennap 0 5 0 5 5 5 5 5 5 5 5 5		1024		Feb. 1861	512	Wheal Trannack, Sitnney 2 10 0
0000 North Devon (silid.) [L. £1] 0 7 0.		6000	Nor. Clifford (cop.), Gwennap 0 50 %		512	
1		20000		April, 1861	6000	Wheal Union (cop.), Redruth 3 0 18a, 20a
2500 North Frances, (cop.) [8.E.]. 13 5 0 4 June, 1861 1024 Wheal Vyvyan (copper) 0 10 0 4 /s 4 1024 Shoot N. Hallenbeage (tin, cp.) [L.] 0 10 0 2 /s 1/s. 1/s (4. April, 1861 6000 Wheal Welcome (tin, copper) 0 0 4 /s 1000 North Jane (tin, silver-lead). 3 0 0 2 /s June, 1861 6000 N. Lawer (td.), Loft Man (3806-22, 2400-214/) [1/4] June, 1861 6000 N. Lawer (td.), Loft Man (3806-22, 2400-214/) [1/4] June, 1861 6000 N. Lawer (td.), Loft Man (3806-22, 2400-214/) [1/4] June, 1861 6000 N. Lawer (td.), Lelant 3 15 0 4 1000 North Minera (lead) [L.] 1 0 0 1/s 1861 6000 N. Lawer (ten, copp.), St. Just 6 12 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		6000		Aug. 1859	6000	Wh. Unity(cop., tin), Gwinear 10 13 6 144 344 4
200 North Fances (ctin, cp.) [L.] 0 10 0. 2½1½ 1½April, 1861	59	5792			4096	Wh. Uny (tin, cop.), Reducting 8 1 0 1/4.
0000 North Jane (tin, silver-lead). 3 0 0 234 June, 1861 5000 Whitford (lead), Holywell 10 16 6 5000 N. Laxer(ld.), Laxer(ld.), Lord Man (3806-22, 24006-134) [14] 14	đ.	2500			1024	Wheat Vyvyan (copper) 0 10 0 414
1. 6000 N.Laxey(id.)LofMan[3600£2,2400£1½] 1½June, 1861 1000 2000 N.Laxent (tin, cop.), St. June for 12 6	d.	8000	N. Hallenbeagle (tin, cp.) [L.] 0 10 0 212114 11/2	April, 1861	6000	Wheat Welcome (in, copper). 1 0 16 6.
2000 N. Levant (tin, cop.), St. Just. 6 12 6. 6		2000			6400	Willow Bank (lead) [L. £9] 1 14 0. 45. as
10000 North Minera (lead) [L.] 1 0 0 1½80s. 32sApril, 1860 4096 Wrey Consols, Buckhatleigh. 0 8 0 ½ 1 0000 North Minera (lead) [L.] 1 0 0 1½80s. 32sApril, 1860 3097 Yarner (copper), Devon 2 0 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	đ.	6000		June, 1801	2000	Willow Dank (1000) Lalant 3 15 0 4
13 10000 North Minera (lead) [L.]	90				1024	Work Consols Buckfustleigh, 0 8 0 %
* * Those mines with [S. E.] appended have been admitted on the Stock Exchange. Those mines with [L.] appended have been incorporated Limited Liability. Limited Liability.	31	10000	North Minera (lead) [L.] 1 0 0. 17. 808. 328.	April, 1800		
158 Lamited Liability. 158	d.	5000	N.Nant-y-Mwyn (ld.),[L.10s.] 0 5 0 85 48. 68.	Jun. 1001	9091	Tarner (copper); Doron Till annunded have been incorne
158 Lamited Liability. 158			* Those mines with [S. E.] appended have been admitted	on the Stock	Excha	inge. Those mines with [1] appended have been incorpo
58		1		Limited	Liabili	ty.
30 our object being to make the Share List correct, we earnestly call upon all who have the power, or well as those officially connected with the mines, w				and Hear makes	11 -	he have the power, to aid us, by forwarding any alteration
	80		Our object being to make the Share List correct, we earne	estry call upor	m mil W	no may those officially connected with the mines, w

	rully paid.	6000
4 2134 136	April, 1860	6000
12	Feb. 1861	6000
12134 174	Feb. 1861	256
2	Feb. 1861 Mar. 1861 sMay, 1861	2315
16 8s. 10	s May, 1861	1000
	June, 1861	1879
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	July, 1861	600
¥	Dec. 1860	1024
% . 34	Jan. 1861	4096
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34	**	1024
144% 5%	Feb. 1861	512
56	Nov. 1860	512
5/8···	April, 1861	6000
18 45% 47		6000
%	April, 1861	4096
	June 1861	1024
14114 114	April. 1861	6000
36	April, 1861 June, 1861 June, 1861	6400
12	June, 1861	5000
***	Aug. 1860	1024

- 1		North Rosewarne, Gwinear U 2 048.00
1.	5000	N.Trelether(sil.,cp.),Padstow 1 0 0., 114
0	848	N. Treskerby (cop.), St. Agnes 10 3 9 22 21 22
1		N.Wh.Basset (cop.,tin)[S.E.] 1 14 0 4 21/4 23/4
9	1024	North Wheal Busy (cop., &c.) 8 10 5 4
9		North Wheal Crofty [S.E.] 9 14 0 714 7 714
0	4000	N. Wh. Exmouth (cop., lead) 2 7 0
0	2000	North Wheal Prospidnick 0 60 %
1	5000	N. Wh. Providence (tin, cop.) 0 12 6 1%
	6144	N. Wh. Robert, Samp. Spiney 2 12 11, 17s 14s. 16s.
1.	4108	North Wheal Trelawny (lead) 8 0 6 14
1	5900	North Wheal Vor(tin), Breage 3 0 0
1.		N. Wrey (ld.), St. Ive [L.£2], 0 12 0 44
10		Okel Tor (lead), Calstock 5 1 6 21/2
00	600	Old Tolgus United (cop.) Redr. 39 18 0 15 15 17
00		Pant-y-Buarth (ld.) [L. £10]. 6 0 0 20
18	200	Pant-y-Pwydu(ld.),Flintshire 10 0 0 20
10	8465	Pedn-an-drea United (tin) 3 2 6 19s
-	3200	Pelyn Wood (cop.), Lostwithiel 2 7 6 1/4
11	12000	Peneralg United (ld.) [L. £1]. 0 5 0
1	5000	Pendeen Consols, St. Just 3 12 0 4% 41/4 4%
11	1000	Pengenna (ld., sil.), St. Kew. 4 10 0 6%
11	512	Penhaldarva (lead) 16 0 0 15
11	800	Penhale Moor (tin, copper) 4 0 0 5% 4 5
19		Penhalis (tin), St. Ann's 1 4 0 51/2
11		Penhanger (lead), Menheniot, 0 9 0 4s
11		Penralt (lead), Merioneth 2 0 0 214
31	200	Pentre Lygan (lead) [L. £30] 20 0 0 1514
10	4000	Polgear Mines, Wendron 0 19 0 34
-		

entre Lygan (lead) [L. £30] 20 0 0 15%	Mar.
olgear Mines, Wendron 0 19 0 %	July,
olhigey Moor (tin), Wendron 1 0 0 14	Jan.
raed Consols (tin), Lelant 3 0 0 214	May.
rideaux Wood (tin, cop.) 3 12 0 16s	May.
olbreen (tin), St. Agnes 8 0 0 12	Aug.
rosperUni.(tin.ep.),St.Hilary 2 0 0 2	July.
ortlemouth Consols, Devon. 0 6 3	Nov.
tedmoor(cop., tin), Callington 0 8 0 4s	May,
teleath (tin, cop.), Crowan 1 0 0 214	Oct.
thoswydol and Bacheiddon 12 0 0 75	
thyscog (silver-lead) [L. £5] 1 0 0 1	Mar.
Ribden (lead), Alton [L.] 1 0 0 114	Fully
tiver Tamar Copper [L.] 0 10 0 12	Sept.
tosewall Hill & Ransom Utd. 2 16 0 11411/2 11/2	
Rosewarne Consols (copper)., 3 2 6 5	May.
tound Hill (cop., ld.), Salop 2 5 6 %	Mar.
corrier Con.(tin,cp.),St. Agnes 2 0 0 11 134 2	July.
Sigford Con. (cop.,tin)[L.£1] 0 13 0 1	July,
Silver Bank (silid.) [L. £1] 0 15 0 34	.Oct.
Silver Rake (lead) [L. £20] 5 0 0 20	Jan.
Silv. Vein, St. Winnow [L.£1] 0 50. 214.	
Smith's Wood (tin,cp.) [L.£2] 1 2 0 2	April,
South Basset (cop.), Gwennap 11 0 8 14	June,
South Bryn Gwiog 5 0 0 24	Feb.
	**
30. Buller & W. Penstruthal. 0 12 0 11/4	May,
	a.July.

Aug. 3, 1861.

OHE TIME	[220 0, 0, 2	17.1
Shares. Mines.	Paid. Last Pr. Bus. done	
4096 North Rosewarne, Gwinear 5000 N.Trelether(sil.,cp.),Padstow	1 00 1%	.Dec. 1860 .Feb. 1860
848 N. Treskerby (cop.), St. Agnes 6000 N. Wh. Basset (cop., tin)[S.E.]	10 3 9 22 21 22 .	.Dec. 1869 June, 1881
1024 North Wheai Busy (cop., &c.)	8 10 5 4 7.71/	.Feb. 1861
1122 North Wheal Crofty [S.E.] 4000 N. Wh. Exmouth (cop., lead)	2 7 0	.July, 1861
2000 North Wheal Prospidnick	0 60 %	. Nov. 1800 . May, 1861
6144 N. Wh. Robert, Samp. Spiney	2 12 11, 178, 198, 108,	.July, 1861
4108 North Wheal Trelawny (lead) 5900 North Wheal Vor(tin), Breage	3 00	July, 1861 June, 1861
4000 N. Wrey (ld.), St. Ive [L.£2]. 4096 Okel Tor (lead), Calstock	0 12 0 34	July, 1881 Sept. 1880
600 Old Tolgus United (cop.) Redr.	39 18 0 15 15 17 6 0 0 20	.May, 1861
600 Old Tolgus United (cop.) Bedr. 800 Pant-y-Buarth (ld.) [L. £10]. 200 Pant-y-Pwydu(ld.), Flintshire	6 0 0 20	. Mar. 1861 . Sept. 1860
8465 Pedn-an-drea United (tin) 3200 Pelyn Wood (cop.), Lostwithie	3 2 0 138	Mar. 1861 May, 1861
12000 Pencraig United (id.) [L. £1]. 5000 Pendeen Consols, St. Just	0 0 0	. May. 1961
1000 Pengenna (ld., sil.), St. Kew.	3 12 0 4%4¼ 4¾ 4 10 0 6¾	.Aug. 1860 .May, 1861
512 Penhaldarva (lead) 800 Penhale Moor (tin, copper)	4 0 0 54 4 5	.Oct. 1860 .July, 1861
5000 Penhalls (tin), St. Ann's 4800 Penhauger (lead), Menheniot. 6000 Penralt (lead), Merioneth	1 40 51/2	.Jan. 1860
6000 Penralt (lead), Merioneth	2 0 0 214	.April, 1861
4000 Polgear Mines, Wendron	0 19 0 46	.Mar. 1861 July, 1861
6000 Polhigey Moor (tin), Wendron 1004 Praed Consols (tin), Lelant 6400 Prideaux Wood (tin, cop.)	1 0 0 1%	Jan. 1861 May, 1861
6400 Prideaux Wood (tin, cop.)	0 12 0 105	May, 1861
512 Polbreen (tin), St. Agnes 6000 ProsperUni.(tin,cp.), St. Hilary	2 0 0 2	Aug. 1860
6000 Portlemouth Consols, Devon. 11789 Redmoor(cop.,tin), Callington	0 6 3	May, Zo
6000 Releath (tin, cop.), Crowan		.Oct. 1860
2500 Rhoswydol and Bacheiddon 3000 Rhyscog (silver-lead) [L. £5]	1 0 0 1	Mar. 1861
20000 Ribden (lead), Alton [L.] 10000 River Tamar Copper [L.]	0 10 0 14	. Fully paid.
6000 Rosewall Hill & Ransom Utd. 4096 Rosewarne Consols (copper)	2 10 U. 120 . 170 . 170 140	Mar. 1861
5000 Round Hill (cop., ld.), Salop	. 2 5 6	May, 1861 Mar. 1858
2000 Scorrier Con.(tin,cp.),St. Agne 10000 Sigford Con.(cop.,tin)[L.£1]	8 2 0 0 1% 1¾ 2 0 13 0 1	July, 1861 July, 1861
10000 Sigford Con. (cop.,tin)[L.£1] 5000 Silver Bank (silld.) [L.£1] 100 Silver Rake (lead) [L.£20]	5 0 0 20	.Oct. 1859 .Jan. 1861
100 Silver Rake (lead) [L. £20] 15000 Silv. Vein, St. Winnow [L. £1] 6000 Smith's Wood (tings.) [L. £2]	0 5 0 256	April, 1860
6000 Smith's Wood (tin,cp.) [L.£2] 512 South Basset (cop.), Gwennap	11 0 8 14	June, 1861 Feb. 1861
100 South Bryn Gwiog 6400 So. Buller & W. Penstruthal.	0 12 0 11/4	May, 1860
4096 S. Caradon Wh. Hooper (cop.) 6000 So. Carn Brea (cop.) [S.E.]	5 5 0 3 216 236	July, 1861 July, 1861
6138 S.Condurrow (tin, cp.), Camb.	1 19 0 128	June, 1861
2283 Sou. Crenver (cop.), Crowan. 6000 South Darren (ld.) [L. £3½] 65000 S. Dev. Iron & Gen. Min. [L. £	9 13 6 34	Oct. 1860 May, 1861
55000 S. Dev. Iron & Gen. Min. [L. £ 1024 South Ding Bong, Gulval	0 10 0 %	Fully paid. Aug. 1860
6000 S. Dolcoath & Carnarthen Con.	. 2 40 4	June, 1861
1000 South Gorland	6 10 0 6	Oct. 1860 July, 1861
1024 So. Herodsfoot (ld.), Liskeard 6000 South Lady Bertha (copper)	1 1 6 %	Aug. 1859 June, 1861
4000 South Minera [L. £5¼] 5537 So. Phœnix (cop.) Linkin	2 20 4	July, 1861 Jan. 1859
1024 South Tresavean, Gwennap. 4096 S.Wh. Betsy, Mary Tavy, Dv.	2 11 6 114	July, 1831
1105 So.Wh. Crofty (cop.), Illogan 1024 S. Wh. Ellen (cp.), St. Agnes	2 18 10. 4	May, 1861
1024 S. Wh. Ellen (cp.), St. Agnes 1000 South Wh. Kitty (tin), Lelant	9 10 8 1	Nov. 1852 May, 1861
1000 South Wh. Kitty (tin), Lelant 1024 S. Wh. Lovell (tin), Wendron 2048 Sou. Wh. Margaret (tin, cop.)	1 46 2%	July, 1861 April, 1861
400 So. Wh. Seton(cop.), Camborn	824 80 18	April, 1861
794 Spearne Cons. (tin), St. Just. 970 St. Aubyn and Grylls (cp.,tin)	7 14 6 21/4	Aug. 1860
5208 St. Austell Consols (tin, &c., 1024 St. Ives Wheal Allen (tin)	3 16 0 1	Dec. 1858 July, 1861
1000 Stencoose and Mawia (tin,cp.) 920 Stray Park (cop.,tin) [S.E.]	2 10 0 2	July, 1861
5000 Tavy Con. (cop.), near Tavis.	. 5 12 6 114	June, 1861
3000 Tees Side (id.), Cumberland. 6000 Tolcarne (cop.), Camborne		Jan. 1861 Jan. 1861
6000 Tolcarne (cop.), Camborne 2000 Treffry Consols 2000 Trefulack Uni.(tin), St. Enode	er 2 10 U O	June, 1861
6000 Tregardock (lead), St. Teath	. 0 12 0 1%	July, 1861 April, 1860 Dec. 1860
5000 Treloweth (copper), St. Erth. 1024 Trencrom (tin), Uny Lelant. 5000 Tresellyn and Scaddick Cons	10 5 0 3	June, 1861
5000 Tresellyn and Scaddick Cons 8000 Tretoll (copper, tin)	2 7 0.0 178.0	Mar. 1861 Jan. 1861
5600 Trevenen and Tremenheere	. 5 13 0 2 %	July, 1861 May, 1861
1024 Trevoole, Crowan, Cornwall 4096 Treweatha (silld.), Menhen	1 10 0 2	June, 1861 Mar. 1859
4000 Trumpet Unit. (tin), Wendron	n 0 13 6 56	July, 1861
3000 Tyne Head (id., cop.) [L. £1] 400 Tynewydd(silld.),Cardigan	. 0 5 0 —	Sept. 1860 July, 1861
1024 Tyringham Consols (tin) 5000 United Mines (cp., &c.), Tav	4 9 6. 1 16 . 116	Feb. 1860 May, 1861
1250 Vale of Ffrith (lead) [L. £2]	. 0 5 0 1/2	April, 186k
1000 Waenlas(ld.), Denbigh. [L.£] 3000 Watermouth Gt. SilLead [L	. 1 5 0 0 6	Fally paid.
1024 W. Alfred (copper), Phillack 100 W. Bryn Gwlog (ld.) [L. £20	. 1 13 0 2¼ 1% . 36 16 5 —	Sept. 1859
100 W. Bryn Gwlog (ld.) [L. £20 1218 W.Condurrow(tin,cop.),Cam	5 0 0 33 28 30 1. 4 17 2 5	Jan. 1861 July, 1861
16 West Denbigh (ld.), Denbigh	. 35 0 0 50	Oct. 1860
80000 W. Devon Con. (cop.),[L.£1 4620 W. Great Work (tin), Germo	0 10 0 12 0 8 0 11s	Mar. 1861
4620 W. Great Work (tin), Germo 25000 West Par Con. (cp.)St. Blaze 6000 W. Polmear(tin,cp.),St. Auste	y 1 8 6 14 all 0 10 0 21s19s. 21s	Sept. 1860 Feb. 1861
16.00 W. Rose Down (cop.), Carado	n 3 0 0 14 14 155	Aug. 1860 June, 1861
256 West Sharp Tor(cp.) Rillator 5000 W. Snailbeach (lead) [L. £2	1 1 0 0 1%	July. 1860
4096 West South Caradon (copper) 1056 WestStray Park(cop.),Camb	7 15 0 4%	April, 1861
5000 West Tolcarne (cop.), Crowa		May, 1861
1879 West Trevelyan (tin, copper	9 8 8 0 334 m 0 13 0 13s	July, 1861
512 West Wheal Frances, Illoga	n 63 15 0 13	April, 1861 Jan. 185
10000 West Wheal Jane (tin, &c.).	2 12 6 %	July, 186
3000 W.Wh.Margaret(tin),UnyL	el. 2 16 0 — 3 4 n 3 6 0 4 3 4	July, 186 July, 186
2048 Wh. Agnes (silvld), St. Ke	w 2	No call. Feb. 186
1024 Wh.Anna (id.,blende), Perrai 500 Wheal Anne (tin), St. Auste	11 0 16 0 1	. May, 186 . No call.
5000 Wheal Annie (cop.), Gwines 5990 Wh. Arthur (cop.), Calstool 1000 Wheal Basset and Grylls (tir		June, 186
1 10000 Wh Concord(#11[d.,cp.]] L.	£110 b U · ·	May, 186
3000 Wheai Conquer (tin, copper). 1 0 0 1½ ock 0 15 0 12810s. 12	Sept. 186
3000 Wheal Conquer (tin, copper 6000 Wheal Crebor (cop.), Tavisto 5120 Wheal Cupid (cop.), Redruti	bek 0 15 0 12s10s. 12sh. 3 16 0 114	June, 186 June, 186
4000 Wh. Emma(cp) Buckfastleig	th 2 12 6 4	Jan. 186
4096 Wheal Emma (tin), Breage.	0 10 0 %	May. 186
5120 Wheal Harriett, Camborne	on 0 10 6. 1	. Pelan for
6000 Wh. Harris (id., cop.), Lifto 1024 Wheal Hearle, St. Just	8 2 8 121/4	- April, 18
512 Wheal Hendra (tin), Breage 10000 Wh. Lopes (tin, zinc) [L. £1		Feb. 18

	Ot. IVES IT HEAL ZERON (CIN) O O O.	
1000	Stencoose and Mawia (tin.cp.) 2 10 0 2	
920	Stray Park (cop., tin) [S.E.]. 26 15 0 33 30 32	
5000	Tavy Con. (cop.), near Tavis. 5 12 6 114	
3000	Tees Side (id.), Cumberland. 3 18 0 14	
6000	Tolcarne (cop.), Camborne 1 5 6 3 234 3	
2000	Treffry Consols 0 5 0	
2000	Trefulack Uni.(tin), St. Enoder 2 15 0 3	
6000	Tregardock (lead), St. Teath. 0 12 0 14	
5000	Treloweth (copper), St. Erth. 5 18 8 4	
1024	Trencrom (tin), Uny Lelant. 10 50 3	
5000	Tresellyn and Scaddick Cons. 1 5 6	
8000	Tretoil (copper, tin) 2 7 6 1%	
5600	Trevenen and Tremenheere . 5 13 0 21/2	
1024	Trevoole, Crowan, Cornwall. 21 16 2 74 7 7%	
4096	Treweatha (silld.), Menhen. 4 8 6 1/2	
2048	Treworlis, Wendron 1 10 0 2	
4000	Trumpet Unit. (tin), Wendron 0 13 6 %	
3000	Tyne Head (id., cop.) [L. £1]. 0 12 0 %	
400	Tynewydd(silld.), Cardigan. 0 5 0	
1024	Tyringham Consols (tin) 1 10 0 234	
5000	United Mines (cp., &c.), Tav. 4 9 6 116 11/2	
	Vale of Ffrith (lead) [L. £2]. 0 5 0 11/2	
1000	Waenlas(ld.), Denbigh. [L.£10] 8 0 0 5	
3000	Watermouth Gt. SilLead [L.] 5 0 0 6	
4000	Wentnor [L. £21/2] 1 13 0 21/4 17/8	
	W. Alfred (copper), Phillack. 36 16 5	
100	W. Bryn Gwlog (ld.) [L. £20] 5 0 0 33 28 30	
1919	W Condurrow(tin.con.).Cam. 4 17 2 5	

1218	W.Condurrow(tin,cop.),Cam. 4 17 2 5
16	West Denbigh (Id.), Denbigh. 35 0 0 50
80000	W. Devon Con. (cop.),[L.£1] 0 10 0 12
4620	W. Great Work (tin), Germoe 0 8 0 11s
25000	West Par Con. (cp.) St. Blazey 1 8 6 4
6000	W.Polmear(tin,cp.),St. Austell 0 10 0 21s 198.
	W. Rose Down (cop.), Caradon 3 0 0 14 14 /
	West Sharp Tor(cp.) Rillaton. 129 0 0 35
6000	W. Snailbeach (lead) [L. £2] 1 00 114
4096	West South Caradon (copper), 1 14 0 24
1056	WestStray Park(cop.), Camb. 7 15 0 416
5000	West Tolcarne (cop.), Crowan 1 11 6 %
612	West Tolgus (cop.), Redruth, 16 0 0
1879	West Trevelyan (tin, copper) 8 8 0 334
4000	West Wendron (tin), Wendron 0 13 0 13s
519	West Wheal Frances, Illogan 63 15 0 13
	West Wheal Jane (tin, &c.) 2 12 6 34
1094	West Wheal Lovell, Wendron. 2 0 0 1
2000	W.Wh.Margaret(tin), UnyLel. 2 16 0
6000	Wheal Agar (copper), Illogan 3 60 4 3
9048	Wh. Agnes (silvld), St. Kew 2
1094	Wh, Anna (id., blende), Perranz. 0 8 6 %
500	Wheal Anne (tin), St. Austell 0 16 0 114
8000	Wheal Annie (cop.), Gwinear 0 15 0 34
5000	Wh. Arthur (cop.), Calstock. 3 11 0 1/4 78.
1000	Wheal Basset and Grylls (tin) 4 0 0 81/4
1000	Wh Coperd(all ald en) FL #110 5 0

18000	Wh. Concord(silld.,ep.)[L.£	130	5	0	-	,
3000	Wheal Conquer (tin, copper).	1	0	0	11/	ġ.
6000	Wheal Crebor (cop.), Tavistock	0	15	0	128.	
\$120	Wheal Cupid (cop.), Redruth.			0		
512	Wh.Damsel(cp.,tin),Gwennap	23	13	6	14	4
4000	Wh. Emma(cp) Buckfastleigh	2	12	6	4	
4096	Wheal Emma (tin), Breage			0		
6000	Wh. Grenville (copper)[S.E.]	7	2	0	13	á
5190	Wheal Harriett, Camborne	4	0	0		
6000	Wh. Harris (id., cop.), Lifton			6		
1024	Wheal Hearle, St. Just				125	
512	Wheal Hendra (tin), Breage	1	12	6	25	é
10000	Wh. Lopes (tin, zinc) [L. £1].				-	
100	Wheal Louisa (cop.), Redruth.	10	0	0	130	
5640	Wh. Mary Emma(tin) Lydford	0	10	8	25	e'
6000	Wheal Moyle, Gwennap	2	0	0	25	4
6000	Wheal Nelson	0	10	0		
6000	Wh. Norris (tin, cp.), St. Cleer			0		
956	Wheal Polmear, St. Austell	17	10	0	220	8
9315	Wh. Pollard (cop.), St. Neot's	2	6	0	1	í.
1000	Wh. Prosper (cp., tin), Breage	7	10	0		٥
	Wheal Prospidnick	1	11	0	. 53	4

*Our object being to make the Share List correct, we carnestly call upon all who have the power, to aid us, by forwarding any alterations or common tion which may, from time to time, come under their notice. To shareholders, as well as those officially connected with the mines, we appeal information. Reports from mines—in fact, mining intelligence of every description, forwarded to our office, will meet ready attention.

on: Printed by Richard Middleton, and published by Henry English (the proprietors), at their office, No. 26, Fleet Street, where all cations are requested to be addressed.—August 3, 1861.